



The FSS Post

THE FIRE SAFETY & SECURITY POST

Vol-3 • July - Aug 2024 • Bimonthly Publication Price 850/- INR • Published by: D V Enterprises

rendezvous with industry leader

Rohit Jamdagni

Prince Wadhwa



Safe-Ansh[®]



Safe-Ansh[®]





UNITED FORGE
(AN ISO 9001:2015, 14001:2015, CEI SAS 45001:2018 & PED CERTIFIED COMPANY)
MANUFACTURE OF FORGE STEEL PIPE FITTING



Welcome to UNITED FORGE, a renowned leader in the manufacturing of Forged Pipe Fittings, Butt-weld Fittings, and Flanges. With over 18 years of expertise, we are your trusted source for high-quality products adhering to ASTM/ASME specifications and customized requirements.

Our sprawling 27,000 sq.mtrs manufacturing base, strategically located in Vadodara, India, houses state-of-the-art facilities for forging, forming, machining, and more. We take pride in our in-house capabilities, including heat treatment, surface treatment, and thorough testing.

At UNITED FORGE, our commitment to quality is reflected in our ISO 9001, ISO 14001, and ISO 45001 certifications, as well as our PED/2014/EU certification. Our dedicated team of Production Engineers, Supervisors, and QA/QC Engineers, alongside skilled workers, ensures immediate responses, excellent quality, quick delivery, and utmost customer satisfaction.

In a relatively short time, we've emerged as a leading manufacturer of top-quality Pipe Fittings & Flanges. Our strong fundamentals in design, manufacturing, quality control, and customer service, coupled with robust financial capability, enable us to meet demands not only in India but across the globe. Choose UNITED FORGE for reliability, precision, and excellence in the world of fittings and flanges.

★ OUR TEAM



PRODUCT RANGE

FORGED FITTING

Grades : Carbon Steel, Mild Steel, IS1239 Part II
Size : 1/4" NB TO 4" NB
Class : 1000#, 2000#, 3000#, 6000#, 9000#.
Types : Socket Weld and Threaded



BUTT-WELD FITTING

Grades : Carbon Steel, Mild Steel, IS1239 Part II, IS 3589
Size : 1/2" NB TO 24" NB (Seamless)
1/2" NB TO 72" NB (Welded)
Sch : Sch. 20, Sch. 40, S/SD, S/60
Sch. 80, Sch. 120, Sch. 160.

FLANGE

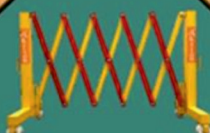
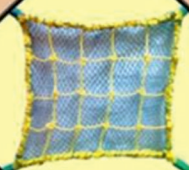
Grades : Carbon Steel
Size : 1/2" NB TO 24" NB
(Above 24" NB as per Customer Requirement)
Class : 150#, 300#, 600#, 900#, 1500#,
2500# Table D, Table E, Table F,
PN 16.
Types : Slipon, Blind, Weldneck, Socket-Weld,
Spectacle Blind.





Aktion®

"Assurance to Life"



- Head Protection • Full Body Harness
- Foot Protection • Road Safety
- Protective Workwear
- Fire Safety • Lockout Tagout

📍 C-74, Sector-5, Bawana Indl. Area, New Delhi-110039
🌐 www.aktionsafety.com ✉ info@aktionsafety.com
☎ +91 9953724203

Follow Us: [aktionsafety](#)



Three S Instruments Pvt. Ltd.

Multi Gas Detector Polytector III G999

Gas Detector with optional Bluetooth and radio module

- **SMALL, HANDY DESIGN**
- **SMALLEST AND LIGHTEST 7-GAS DETECTOR**
- **TRIPLE WARNING SIGNAL**
- **RADIO MODULE**
- **MAN-DOWN ALARM**
- **STRONG BATTERY**
- **LARGE SENSOR SELECTION**
- **INTEGRATED PUMP**
- **INTUITIVE OPERATION**
- **USB-Dongle** for wireless connection incl. Visual software



Transmitters EC 28 - Electrochemical Sensors / CC28-Combustible gases



Hydrogen (H₂), Hydrogen Di Sulfide (H₂S),

NH₃, Cl₂, ClO₂, HCl,
HCN, C₂H₄O, HF, SO₂,
SiH₄, NO₂, COCl₂, etc.

**Hydrogen, Acetone, Ethylene, Benzene, Ethanol,
Methanol, Xylene, MEK, Acetylene,
Natural Gases etc.**

INTELLIGENT MASK FIT TEST SOLUTIONS (N-95, HALF & FULL FACE, SCABA)
PORTACOUNT® RESPIRATOR FIT TESTER MODELS 8048 & 8040

**TRAIN.
TEST.
TRUST.**

Only PortaCount Fit Testers can:

- + Eliminate errors
- + Speed testing
- + Ease reporting and record keeping
- + Enable real-time fit optimization and training
- + Meet OSHA-compliant standards for all respirators including N95

Choose the PortaCount to efficiently manage your respirator protection program.



GasCheck Series G3

Gases He, Hydrogen, Ammonia, Butane, Krypton, Methane, Sulfur hexafluoride, Acetone, Argon, Refrigerant R502, R404a, R410a, Deuterium oxide, Hydrogen Sulphide, Acetylene, Ethane, Ethylene Oxide, Nitrogen, Oxygen. The Only ATEX Approved Gas Leak Detector.

The instrument can be used on an MRI scanner whilst in operation.



An ISO 9001 : 2015 Certified Company

J-110, WEST PATEL NAGAR, NEW DELHI-110008

TEL.: 011- 43895104, 25882080, 25886698, 8750066083 • Website : www.3si.co.in • E-mail : info@3si.co.in

Safe-Ansh[®]



HI TECH INDUSTRIAL CORPORATION

Address: Gali No.-11, 143/581, Kanjawala Industrial Area, Delhi- 110089

Ph: 7838062224 / 7838062225 E-mail: jamdagnisafetyindia@gmail.com

Web: www.roadsafetyproducts.net

HYDROGEN GAS DETECTOR FOR BATTERY ROOM



Smart Gas Detector GT-2500-FLP



Provides direct interface to the Building Management System (BMS).



Integrates directly with the Fire Alarm System.



Connects directly to the control panel for Seamless Operation.



Outputs directly to the Exhaust Fan Control.



Detects gas concentrations in the range of 0-100% Lower Explosive Limit (LEL).

COMPREHENSIVE GAS MONITORING FOR INDUSTRIAL SAFETY COMPLIANCE



Smart Gas Detector - Dual Channel GT-5022-FLP



Dual gas concentration display.



Detects leaks of oxygen, Toxic, Combustible gases & VOCs.



Data stored in sensor module.



Pluggable sensor modules for easy maintenance.



Detects down to PPM, %V/V, %LEL.



Indications for sensor issues and calibration.

Applications:



Refineries



Fertilizers Plants



Oil & Gas Industries



Ambient Monitoring



Chemical Storage Area



Chemical & Petrochemical Plants



Chemical Processing Plant

Manufactured by :



AMBETRONICS ENGINEERS PVT. LTD.

Contact : sales8@ambetronics.com • sales11@ambetronics.com

022-61673056 +91-93207 37646 www.ambetronics.com

Follow us on





PROLITE[®]
EMERGENCY LIGHTING SOLUTIONS

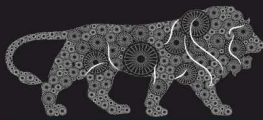
SELF CONTAINED RECHARGEABLE EMERGENCY

FEATURED MODEL IN EMERGENCY EXIT LIGHTS
the "MICRO SLEEK" product



SURFACE MOUNTING
MICRO SLEEK
EMERGENCY
EXIT LIGHT
WITH THICKNESS
OF ONLY
6 MM

www.prolite.in | sales@prolite.in | +91-22-6786 8100



MADE IN INDIA

PROLITE[®]
EMERGENCY LIGHTING SOLUTIONS

Self Contained Beam Lights & Multi Lights

RECHARGEABLE EMERGENCY LIGHTS



Now
Available In
Light Weight
Models



- LED Emergency Light
- Robust Housing for Industrial applications
- Works on Nominal Voltage
- IP 20 protection
- Battery Back-up <180mins
- Surface Mounting
- Also available with higher back-up - POR

✓RoHS
Compliant



sales@prolite.in



www.prolite.in



+91-22-6786 8100



Welcome to UNITED FORGE, a renowned leader in the manufacturing of Forged Pipe Fittings, Butt Weld Fittings, and Flanges, With over 18 years of expertise, we are your trusted source for high-quality products adhering to ASTM/ASME specifications and customized requirements.

Our sprawling 27,000 sq.mtrs manufacturing base, strategically located in Vadodara, India, houses state-of-the-art facilities for forging, forming, machining, and more. We take pride in our in-house capabilities, including heat treatment, surface treatment, and thorough testing.

At UNITED FORGE, our commitment to quality is reflected in our ISO 9001, ISO 14001, and ISO 45001 certifications, as well as our PED/2014/EU certification. Our dedicated team of Production Engineers, Supervisors, and QA/QC Engineers, alongside skilled workers, ensures immediate responses, excellent quality, quick delivery, and utmost customer satisfaction.

In a relatively short time, we've emerged as a leading manufacturer of top-quality Pipe Fittings & Flanges. Our strong fundamentals in design, manufacturing, quality control, and customer service, coupled with robust financial capability, enable us to meet demands not only in India but across the globe. Choose UNITED FORGE for reliability, precision, and excellence in the world of fittings and flanges

★ OUR TEAM

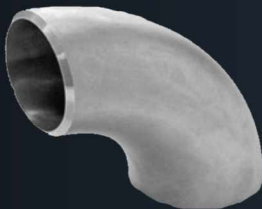


PRODUCTION & TESTING FACILITIES

PRODUCT RANGE

FORGED FITTING

Grades : Carbon Steel, Mild Steel, IS1239 Part II
Size : 1/4" NB TO 4" NB
Class : 1000#, 2000#, 3000#, 6000#, 9000#.
Types : Socket Weld and Threaded



BUTT-WELD FITTING

Grades : Carbon Steel, Mild Steel, IS1239 Part II, IS 3589
Size : 1/2" NB TO 24" NB (Seamless)
 1/2" NB TO 72" NB (Welded)
Sch : Sch. 20, Sch. 40, S/SD, S/60
 Sch. 80, Sch. 120, Sch. 160.

FLANGE

Grades : Carbon Steel
Size : 1/2" NB TO 24" NB
 (Above 24" NB as per Customer Requirement)
Class : 150#, 300#, 600#, 900#, 1500#,
 2500# Table D, Table E, Table F,
 PN 16.
Types : Slipon, Blind, Weldneck, Socket-Weld,
 Spectacle Blind.



WORK CULTURE





A Unit of Shiva Industrial Corporation

A Unit Of Shiva Industrial Corporation

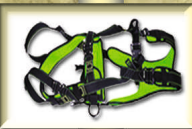
WE ARE LEADING MANUFACTURER, EXPORTER & DISTRIBUTOR

**PPE's | Road Safety Products | Corporate Uniform | Fire Safety | Security
Products | Disaster Management Products | Surgical Disposable Safety Products**

PERSONAL PROTECTIVE EQUIPMENT



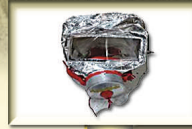
FALL PROTECTION



ROAD SAFETY



FIRE SAFETY & UNIFORM



DISASTER MANAGEMENT & SECURITY



**DISTRIBUTOR
AND
STOCKIST**

Honeywell

**MIDAS
SAFETY**

Concorde

LIBERTY

FreeFall Safety Industries
Manufacturers of Safety Belts & Harness

3M

KARAM

AGITE

CEASE FIRE

SUPERCURE PLUS

VENUS
High Protection | Great Comfort | Great Value

MAGNUM

Add: Shop no. 4614-15, Gali Shahtara, Ajmeri Gate, Delhi - 110006

Mob: + 91-9811048483, 9868124950, 9868313311,

+91-11-23215050, 43517483

Email ID: rahulsakhuja@yahoo.com, info@safetyexperts.in

Website: www.safetyexperts.in

Personal Protective Equipments

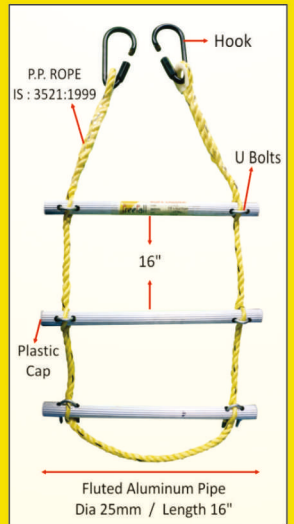
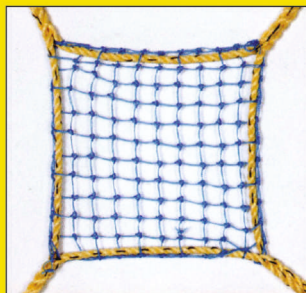
uniSAFE

freefall[®] Safety Industries

Manufacturer of: Safety Belts & Harnesses,



**Manufacturer of: Safety Belts & Harnesses,
Fire Blanket, Safety Ladder, Safety Shoes**



J-93, Pocket-N, Sector-3, DSIIDC, Bawana, Delhi-110039
Ph: 9810884646, 9310048435
E-mail: freefallsafety@yahoo.com





Join our Membership

Membership Benefits

Please fill in the details below and return by email:

Applicants Name: _____
Name of Organization: _____
Office Address: _____

PAN No.: _____
Mob No.: _____
Email ID: _____
Website: _____

- « Welcome Kit
- « Exhibition stall discounts (about 8 – 12%)
- « WhatsApp groups – SAMA for general safety messages and SAMA B2B to conduct business
- « SAMA Newsletter
- « Regular email updates on GST, tenders, etc.
- « Inclusion of SAMA member in the SAMA directory
- « Buyer Seller Meets
- « Foreign Trade Delegation visits by SAMA Members
- « Quarterly Metro City Knowledge Sessions
- « Interactive Sessions with Government Bodies
- « Company logo on SAMA website and SAMA Android App
- « Branding opportunities

Safety Appliances Manufacturers Association

A/9, 1st Floor, Virwani Industrial Estate,
Off Western Express Highway, Opp. Oberoi Mall,
Goregaon E, Mumbai 400 063, India
☎ +91 22 6723 6788

General queries & solutions: SAMA Zendesk

☎ Sudeshna Banerjee - 98102 32875 / Neha Naik - 93721 22055
✉ secretariat@sama.group / ceo@sama.group
💻 www.sama.group



STAY SAFE AND AWARE!

with our Fixed Type Multi Gas Detector



AMBETRONICS
AN ISO 9001:2015 CERTIFIED COMPANY

Standalone Multi Gas Detector GT-5022-FLP



Dual Gas concentration indication at time.



Hot Swappable Smart Sensor



Capable of detecting down to PPM, %V/V, %LEL.



Digital display of Gas Concentration on LCD Display.



Standard 4-20mA signal output with configurable range.

Manufactured by :



AMBETRONICS ENGINEERS PVT. LTD.

Contact : Sales8@ambetronics.com • Sales11@ambetronics.com

+91-22-6962 3389 +91-93207 37646 www.ambetronics.com

Follow us on



Our Branches : • Ahmedabad • Bangalore • Bharuch • Chennai • Hyderabad • Kolkata • Mumbai • New Delhi • Pune • Ranchi

AEPL-GT-5022-FLP-ADVT.-01-MAY-2024

MESSAGE

from

GUEST EDITOR



Dear Industry Colleagues,

Dear Industry Friends!!!

Modernization is packaged with its set of complexities, fire and safety is among the most pertinent subjects to deal with. Many fires in recent times have drawn the attention. Likewise safety as a subject is also in serious consideration.

Both Fire industry and safety industry has grown multifold in India. State of art products and technology is being introduced by the industry to address the issues effectively.

With the growth of industry trade journals, magazines and industry directories act are the added value to the industry. As they bridge the gap between users and manufacturers. They provide information and that is very important tool for the growth of the industry as a whole.

I am pleased that “The FSS Post” is one of such informative platforms. Its' qualitative and quantative approach benefit the industry.

I render my best wishes to “The FSS Post”.

With Regards,

Ashish Shah

Director

Ambetronics Engineers Pvt. Ltd.

LPCB®



Delivering certainty for over 150 years

The Loss Prevention Certification Board (LPCB) is a globally recognised third-party certification body delivering certainty for over 150 years. LPCB provides independent third-party certification to British, European, International and Loss Prevention Standards.

LPCB's Red Book database is used by the authority having jurisdiction (AHJ) in many countries around the world, providing a source of trusted, compliant and high quality products and services for the fire and security markets.

Contact us for more information

Telephone: +91 98411-75052
Email: Kamil.Hamid@bregroup.com
Website: www.redbooklive.com





www.unitedmanu





United Manufacturing Co.
191-192, Udyog Vihar,
Delhi-Rohtak Road, Vill.
Sankhol, Bahadurgarh
Ph: 1276-241885
Mob: 9811037267
E-mail: info@unitedmanufacturingco.com

CONTENT

Edition Highlights

THE FSS POST

Editor
Mayur Lalit

Sub Editor
Ritu Lalit

Advisory Council
Placidus Petrus, Wg Cdr Rakesh
Kumar Prashar, C. L. Saha,
Shikhar Choudhary

Published by: D V ENTERPRISES

WZ-184, Buldela Market, Vikaspuri, New Delhi-110018

Ph: +91-11-45610104 Mob: 8920705897

admin@fireandsafetycommunity.com • www.fireandsafetycommunity.com

TÊTE-À-TÊTE WITH INDUSTRY LEADERS



20

Rendezvous with
Business Leader
Mr. Rohit Jamdagni



27

Padam Shree
Mr. Jai Prakash Agarwal
Chairman
Surya Roshni Ltd.



38

Vicky Gupta
Director
Heapro Safety India
Pvt. Ltd.



40

Ravi Shah
Director
Ambetronics Engineers
Pvt. Ltd.



57

Mayank Agarwal
Director
Delight Industrial
Solutions Pvt. Ltd.



66

Deepak Verma
Director
New Delta
International



76

Amit Gupta
Director
Praveena Enterprises

ARTICLES



27

Sandy Dweik
CEO
Thomas Bell-Wright



29

Wg Cdr Rakesh
Kumar Prashar
Safety Professional



32

Mr. Gurpreet Singh
Director
United Manufacturing Co.



34

Mr. Manan Shah
CEO
Ambetronics Engineers
Pvt. Ltd.



36

Mr. Dhiren Parekh
Director
Fire Safety Devices Pvt. Ltd.



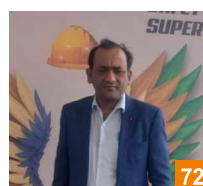
43

Mr. Ashish Parekh
Director
Fire Safety Devices Pvt. Ltd. Free Fall Safety Industries



55

Mr. Rahul Sakhuja
Director



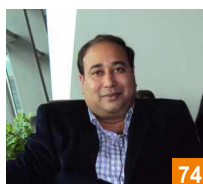
72

Deepak Singhal
Director
Metro Safety
India Pvt. Ltd.



77

Naresh Sharma
Director
Karemate Global
Solutions



74

Mayur Lalit
Director
DV Enterprises



81

Vikas Bajaj
Director
Thee S Instrument Pvt. Ltd.

From the Editor



Dear Readers,
Greetings!!!

We are pleased to have "Mr. Ashish Shah" as Guest Editor for the edition. He is well known industrialist of the industry. His views and association will benefit us.

We thank Mr. Ashish Shah for considering our request to be our Guest Editor for this edition and taking out time from his busy schedule.

Our endeavor is to make this publication a potent platform where distinguished industry members can speak out their mind and use it as a medium to encourage B2B & B2C business.

We hope you all will appreciate our efforts.

Regards

MAYUR LALIT

Editor, The FSS Post



CURRENT UPDATES



Massive Fire in Shop
near Petrol Pump in Noida



Kuwait Building Fire claims 49 lives
among them 45 were Indians

ADVERTISERS INDEX

Aktion Safety Solutions Pvt. Ltd.	FIC	Lakeland	80
Ambetronica Engineers Pvt. Ltd.	3	LPCB	13
Ambetronica Engineers Pvt. Ltd.	11	Mitras Technocrafts Pvt. Ltd.	3
BK Industries	70	Prolite Autoglo Ltd.	4
Boronto	67	Prolite Autoglo Ltd.	5
Brijbasi	59	Prolite Autoglo Ltd.	78
Drone Expo	40	Safety Experts	8
FID & SID	74	SafetyX	58
FIHS	57	SAMA	10
Fire India	19	Sehgal Doors	ibc
Fire Industry Directory	Back Cover	SPAI	44
Fire Safety Devices Pvt. Ltd. "Firechem"	29	Swastik Rolling & Shutter	68
fireandsafetycommunity.com	23	Swastik Synergy Engineering Pvt. Ltd.	53
First Responder	9	Three S Instrument Pvt. Ltd.	1
Free Fall Safety Industries	61	Total Safety Solutions	46
FSD Expo	60	United Forge Ind.	6
Gaby Fire	47	United Forge Ind.	7
Gunnebo India Pvt. Ltd.	72	United Manufacturing Co.	14-15
Halma	2	Vighnaharta Technologies Safety Solutions	48
Hi-Tech Industrial Corporation "Safe-Ansh"	71	Winco Valves	73
Integral Safety Engineers	18	Windowtech	66
Karam Safety	70		
KV Fire			



New Delta International

(Fire & Safety Engineers)



Channel Partners:



BATA INDUSTRIALS
THE SAFETY SHOE



Contact

Address(HO): F-12, First Floor, Kadamba Shopping Complex,
F Block, Gamma-1, Greater Noida, Uttar Pradesh-201310

Ph: +91-120- 4293025

Email: vermadelta@gmail.com,

Mobile: +91- 9899914025

newdeltainternational@gmail.com

Add (RO): 287/309-310, 3rd Floor, Agarsin Market, Phatak Karor,
Ajmeri Gate, New Delhi- 110006 | Ph: +91-11- 47557025

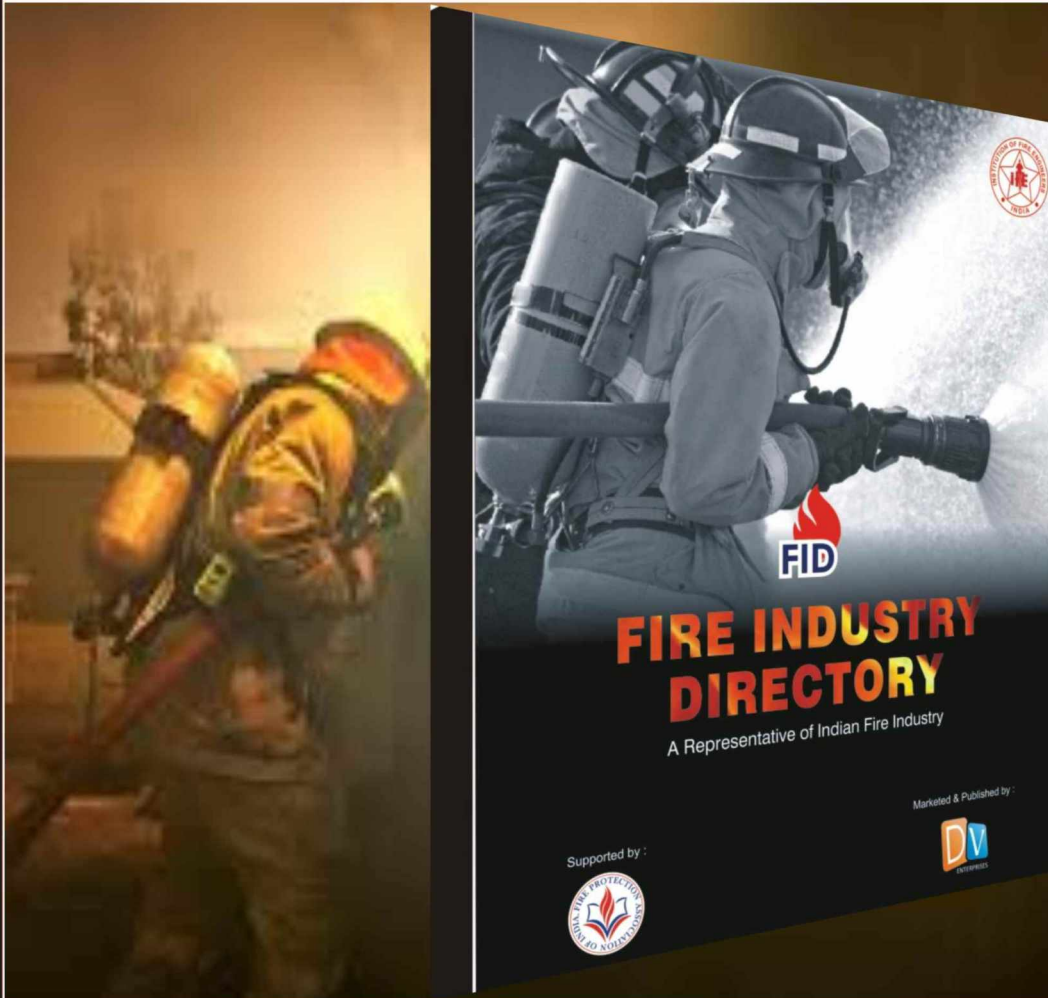
Mobile: +91- 9212244055

www.industrialsafetyequipments.net



FIRE INDUSTRY DIRECTORY

A REPRESENTATIVE OF INDIAN FIRE INDUSTRY



www.fireandsafetycommunity.com

Advertise with us

Contact:
firedirectory@gmail.com
Ph: +91-11-45610104 Mob: 9868749510

PUBLISHED BY:





Rendezvous with

BUSINESS LEADER

LEADER

Mr. Rohit Jamdagni
Director
Jamdagni Safety India Co.



“Safety is a business of ethics as it ensures protection from hazards and thus serving human values at work place. I got acquainted with this trade and did my census and I was surprised to learn that there was vast scope. As safety business is multidimensional, I had to select the vertical I wanted to work. With further census I gather the fact further and came to conclusion that road safety is a very pertinent and a lot has to be done.”

Q: Kindly tell us about the history of your company?

Safety is a business of ethics as it ensures protection from hazards and thus serving human values at work place. I got acquainted with this trade and did my census and I was surprised to learn that there was vast scope. As safety business is multidimensional, I had to select the vertical I wanted to work. With further census I gather the fact further and came to conclusion that road safety is a very pertinent and a lot has to be done.

In the year 2012, we decided to venture in road safety product manufacturing and established “Jamdagni Safety India Co.”. We started our manufacturing with state of art technology to produce quality products.

Q: What products you offer in road safety?

We offer a range of road safety products like rubber speed breaker, plastic speed breaker, safety cones, road barrier, spring post, rubber corner guard, solar stud, solar blinker, rubber wheel chock, plastic wheel chock, rubber dock bumper, rubber ramp breaker etc.

Q: Can you define the quality policy of your company?

Quality means trust, quality means performance, quality means saving human life in our trait and ultimately, quality means business and growth. So quality cannot be compromised. We ought to have to ensure quality of each product.

To do that we have the systems on place. We have competent

production managers who make sure that each batch produced should match stipulated quality measures. Our quality control managers properly check quality of the material we procure and check the quality of each batch we manufacture in our in-house test laboratory.

With our quality we have not only sustained our market share but been able to grow it exponentially throughout.

Q: Are you exporting your products?

Yes, we are exporting to Asia like Nepal, Bangladesh, and Sri Lanka etc.

Q: What are your brand promotion strategies?

First, our production should be of quality as it speaks for itself. We participate in exhibitions, print media advertisements, online promotion and direct customer contact programs are the main.

Q: What do you perceive about the safety market in coming 5 years?

As we are doing tremendously well with economic growth, I believe that the safety market is going to witness a boom and lots of opportunities are waiting for the industry.

Q: How the government policies have remained for your business?

I must say tremendous. Government's policies are in compliant with our expectations and requirement and compliment them for doing a good work. We hope that it will continue.

I must say that road safety is a serious business to stay safe on the road. Ignorance may cost life or permanent disability. We daily read the news of road accidents. Roads can be safe with collective efforts. There should be proper installation of road safety equipments of quality, proper maintenance and replacements. Obey of traffic rules and Stay Safe.

Q: Any message for the readers?



Safe-Ansh[®]

HI TECH INDUSTRIAL CORPORATION
Address: Gali No.-11, 143/581, Kanjawala Industrial Area, Delhi- 110089
Ph: 7838062224 / 7838062225 E-mail: jamdagnisafetyindia@gmail.com
Web: www.roadsafetyproducts.net



FIRST RESPONDERS

LEADING MANUFACTURERS OF ALL TYPES OF FIRE FIGHTING VEHICLES



www.firstresponders.co.in



“PADMA SHRI”
MR. JAI PRAKASH AGARWAL
Chairman
Surya Roshni Ltd.



Robust Growth: “Surya Roshni” Registers Over INR 8,000 Crore Sales in FY 2023-24

“Surya Roshni, an Indian conglomerate, is among the oldest and largest pipe manufacturers in the country having a diverse product range, to meet all kinds of applications. Surya, being one of the largest exporters of pipes from India, with a formidable domestic presence, partners with its customers to provide optimized solutions. Surya supplies world-class quality pipes at competitive prices making it the preferred choice of its customers. The company has continued its upward trend in the growth trajectory and registered sales of around INR 8,000 crore in FY 2023-24. This was revealed by “Padma Shri Jai Prakash Agarwal”, Chairman - Surya Roshni Limited, during his recent interaction with “The FSS Post”.

Please share Surya Roshni Limited's journey, major milestones, and crucial achievements.

Jai Prakash Agarwal (JPA): The journey of Surya Roshni started in 1973 by manufacturing steel tubes and gradually diversifying into the lighting category in 1984. Since then, it has grown by leaps and bounds to become one of the largest steel pipes and lighting companies in India. It further ventured into PVC pipes in 2010 and into consumer durables like fans and home appliances in 2014-2015. Today, we are the leading manufacturer of GI pipes and one of the largest exporters of ERW pipes in India. Surya exports its high-quality products to over 50 countries around the world. The company registered sales of around INR 8,000 crore in the last FY.

What is the manufacturing set-up and production capacity of your steel pipe plant?

JPA: Our steel pipes manufacturing facilities are located at Bahadurgarh (Haryana), Malanpur (Madhya Pradesh), Hindupur

(Andhra Pradesh) and Anjar (Gujarat). The pipes are produced for various applications including water, structural and also oil & gas. We produce ERW round pipe from ½" to 16", spiral welded pipe from 18" to 140", and ERW section pipes from 20x20mm up to 300x300mm. We produce GI pipes from ½" to 30" and also GP pipes. We also carry out 3LPE coating at our Anjar facility.

Our plants are suitably equipped with high-end machines ranging from slitting lines, pipe mills, galvanizing units, finishing machines, as well as high-pressure hydro machines along with adequate handling facilities. The Gujarat unit is strategically located in close proximity to two major ports, Kandla and Mundra, providing a significant advantage for exports and imports. The unit exports over half of its production. We are equipped with large-diameter section pipe facility at Gwalior, utilising Direct Forming Technology (DFT) with an annual capacity of 36,000 MT. We have a combined capacity of about 12.15 lakh MT (1.215 million MT) per annum for steel pipes and strips out of which we can produce upto 3 lakh MT of GI pipes.

Please tell us about your steel pipe product portfolio and its applications.

JPA: Our product portfolio includes GI pipes with applications for agriculture & irrigation, casing and tubing, water transportation, plumbing, cold storage, greenhouses, fire fighting, last mile connectivity of PNG, street light poles, and solar panels to name a few. Black/varnished/powder-coated pipes are used in applications for construction, fabrication, fencing, metro railway platforms, airports, sign boards, industrial, and scaffolding among other applications. Our hollow section pipes find applications for infrastructure and PEB structure of commercial buildings like airports, metro/railway stations, warehousing, industrial infrastructure, urban development, solar structures, electrical poles, telecom towers etc. API/3LPE coated spiral pipes are used for oil and gas pipelines, oil well casing and water transportation.

Please shed light on your steel pipe market footprint.

JPA: Surya has built an exceptional reputation in both the Indian and global markets due to its diverse product range, commitment to quality, and excellent service all offered at competitive prices. Our brand has gained the trust of millions of customers worldwide, and we remain dedicated to delivering superior products while adhering to the strictest global quality standards. Surya stands as a brand image that is synonymous with high-quality products delivering consistent performance and peace of mind. It is because of this trust of our esteemed clients that Surya today has a significant presence in more than 50 countries and is among the top three pipe exporters.

What is your USP that sets you apart from your competitors?

JPA: Our commitment to quality assurance begins from the raw material stage and continues throughout all manufacturing processes until the pipes reach our esteemed clients. To ensure the highest quality, our quality assurance department is fully supported by a modern laboratory for conducting metallurgical and chemical tests, as well as a test house for evaluating physical properties. One of our key strengths lies in producing large-diameter pipes, ranging from 114.3mm to 406.4mm in ERW and 457mm to 2667mm in spiral pipes. Our expertise extends to manufacturing various special grades, including API 5L grades such as X70, X80 in PSL 1 & PSL 2, and API 5CT grades H40, J55, K55.

What is your steel pipe technological and business roadmap?

JPA: We have a constant focus on technologically upgrading ourselves with an objective to make our processes cost effective, improve productivity and provide more consistent quality. Surya recently introduced the best-in-class direct forming technology (DFT) to produce ERW structural steel section pipe. This technology significantly reduces the time of producing customized hollow sections by including them in the mill range without changing the roll. Being a completely automatic and computerized process, DFT saves the setup time and makes operation settings accurate, easy, and efficient. Compared to traditional production processes, this method is completely automatic and computerized, with all PLC control with a DC digital control system only to motorize the roller movement during the size changes. Surya is taking big strides in its chosen areas with tested skills, commitment, a skilled workforce, vast experience, and mature leadership.

Please elaborate on your capex investments for new ERW pipe mills at existing facilities.

JPA: To meet the growing demand of pipes, we have decided to expand our operations at various locations. This expansion will not only enhance our capability to handle larger pipe sizes but also enable us to strengthen our presence in the oil and gas markets, increase our exports, and cater to local irrigation and water distribution projects. We are in the process of installing a new spiral welding line at Malanpur for producing pipes from 24" to 140" at an investment of around INR 25 crore. Another new mill is commissioned for producing pipes up to 8". The proposed manufacturing facility will have a capacity of 200,000 MTPA, with an estimated cost of INR 50 crore. This strategic move will position us to better serve our customers and expand our market reach, contributing to the growth and success of our company.

Surya Roshni has recently invested in its Prakash Surya brand and distribution networks. Can you share in detail all the steps that you have taken?

JPA: Over the years, the company has developed a strong brand and robust distribution network across the world. Our investments towards strengthening distribution (including trade network and retail outlets) and decentralized depot networks ensure smooth logistics movement, prompt delivery, and customer satisfaction, aptly supported by strong marketing initiatives. The company has been consistently promoting its brand 'Prakash Surya' through different advertising mediums for enhanced market visibility. Our

dealer and distributor network. Besides, the decentralized branch/depot networks help with the quick delivery turnaround to customers.

Have there been any other developments at Surya Roshni in recent times?

JPA: The company recently implemented SAP software to integrate and automate key processes, resulting in faster and more efficient operations. As a responsible corporate citizen, Surya Roshni aims to assist in promoting social development by building capacity within the broader society. The company considers societal well-being and ecological responsibilities as the key focus area for its ESG initiatives. We are continuing with the high growth momentum in lighting, consumer durables, steel, and PVC pipe by focussing on further improving the distribution and reach, across urban, semi-urban, and rural India. There will be several new product launches and the company will continue to aggressively drive channel financing too. We will also continue to invest in automation and upgradation of systems to drive higher efficiencies and productivity. Surya Roshni is focusing on aggressive advertising and promotions (including both above-the-line and below-the-line advertising) to enhance its brand visibility.

Can you share with us your observations on key market trends in the Indian tubes and pipes market?

JPA: There is a high demand for steel pipe in various sectors with strong improvement in the Indian economy, including rural and urban. The industry opportunity has been so exciting considering the following encouraging developments which will generate demand for our steel pipes and strips business. The Indian economy showed resolute strength during the period with the government's stance for Atmanirbhar Bharat, which has opened new avenues with immense hidden opportunities to explore in making India a global manufacturing hub in the medium to long term. Prime Minister's initiative of Jal Jeevan Mission has given a huge impetus to pipe industry. The latest trend in the construction industry is to construct PEB buildings with extensive usage of hollow sections. Hollow sections provide a benefit of strength while reducing the overall weight of the structure. With huge

investments made in housing, and infrastructure like railways, ports, roads, airports, etc., demand for steel pipes is reaching a new level and more will be anticipated in time to come. The focus on green energy will create new opportunities for Hydrogen pipelines.

What is your vision and plans for the company's future?

JPA: Our vision is to become the most preferred brand of pipe and lighting products manufacturer in the country which delivers the best value to its customers worldwide. We are fully committed to satisfaction and growth of all our stakeholders, and employees alike. We carefully assess growth opportunities not only to improve top-line revenue but, more importantly, to ensure consistency and enhance our bottom line as well. We are continuing with the high growth momentum in lighting, consumer durables, steel, and PVC pipe by focusing on further improving the distribution and reach across urban, semi-urban, and rural India. There will be several new product launches and the company will continue to aggressively drive channel financing too.

Kindly share your views on trade fairs. How do you think such events help the industry?

JPA: We believe trade fairs are a great way to meet people, revive old connections and make new ones. They can be called a versatile marketing tool as they bring together the whole industry, including the manufacturers, suppliers, buyers and traders under one roof, thus giving every stake holder a good opportunity to connect with the best and make their business known. Besides giving recognition to a company, these fairs also enable businesses to analyze themselves, as well as prepare to sell products and services in a competitive environment. They can also be used as market research instruments to know customer needs and feedback for new product launches.



Sandy Dweik

Ensuring Fire Safety: The Importance of Testing & Certifications per Indian Standards

Author:

Sandy Dweik

CEO of Thomas Bell-Wright

Fire safety is a critical concern in India's rapidly growing construction landscape. With increasing urbanization and the construction of complex buildings, the need for stringent fire safety measures has never been more pressing. Thomas Bell-Wright (TBW) has made considerable efforts to develop a solution for certifying products tested according to Indian Standards, marking a significant advancement in this area.

The Role of Certification and Listing:

Certification and listing are fundamental to ensuring that fire safety products meet the necessary performance standards. In many cases, it is challenging to establish a connection between the manufactured product and what is delivered to the site. Certification is a process that bridges this gap. The aim of this exercise is to enable manufacturers to demonstrate that their production consistently adheres to the Testing Standard throughout the fabrication process, thereby establishing confidence in the product's performance.

Why Testing to Indian Standards is Crucial:

India's National Building Code by Bureau of Indian Standards along with state-wise fire acts and various technical regulations, prescribe specific requirements for fire safety products. Certification and Testing of products to Indian Standards ensures that these products can withstand the conditions they might face during a fire. For instance, the TBW certification covers a range of products such as fire-resistant doors, hardware, separating assemblies, and more. These products can be tested to Indian Standards like IS 17518 (IS 3614-2) for fire doors and door sets, IS 16947 or 16945 for doors with glass panes, and various IS/ISO 834 series for load-bearing and non-load-bearing elements.

The Certification Process:

While test reports pertain solely to the sample tested, certification is a process that links production to performance, as verified by testing. This includes:

Pre-Test Sampling Audit:

Evaluating the quality control processes and selecting test specimen(s) from the production line.

Testing in Accredited Laboratories: Conducting tests in an accredited lab to ensure products meet the specified standards and benchmark performance.

Initial Factory Production Control (FPC) Audit:

Performing a comprehensive audit to verify that manufacturing processes comply with required standards.

Periodic Surveillance Audits: Conducting regular follow-up audits to ensure ongoing compliance with required standards, thereby enabling the manufacturer to maintain certification and keep their product listing active on TBWCERT.com.

Traceability and Verification: Marking each certified product with a unique identifier and QR code, ensuring complete traceability of manufacturing.

Benefits of Certification:

Certification to Indian Standards offers multiple benefits:

Compliance with Regulations:

Ensures products meet the legal and technical requirements set by various authorities.

Enhanced Quality:

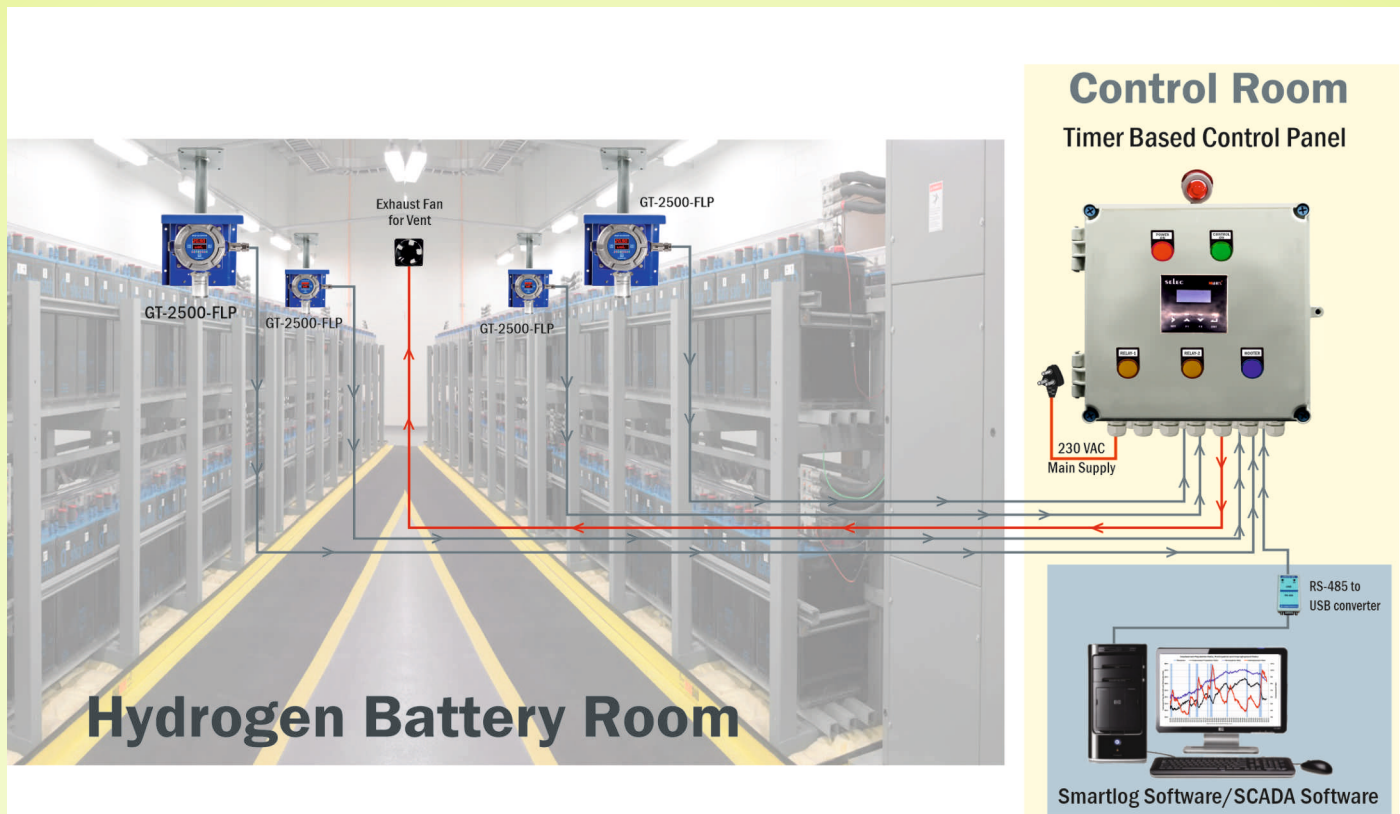
Ensures that the manufacturer recognizes the importance of quality assurance and produces products consistently.

Market Trust:

Builds trust among buyers, specifiers, and end-users regarding the authenticity and quality of the products.

Global Recognition:

As TBW is accredited to international standards (ISO 17065 and ISO 17067), certified products also gain international credibility.



These products are tested and certified to ensure they meet both Indian and international standards, thus ensuring a high level of safety and reliability.

Conclusion:

As India continues to build and expand its infrastructure, the importance of stringent fire safety measures cannot be overstated. Certification and testing as per Indian Standards play a vital role in this ecosystem, ensuring that products are reliable and effective. The comprehensive certification process offered by TBWIC not only enhances safety but also builds market trust,

TBW's Certification Offerings

TBW's offerings include certifications for a wide range of fire safety products such as:

- Fire-resistant doors and hardware
- Fire-resistant separating assemblies
- Exterior wall assemblies and building materials
- Safety glass
- Fire-stopping materials and assemblies

ensuring that all stakeholders—from manufacturers to end-users—are confident in the performance of fire safety products.

In a country as vast and diverse as India, with varying building regulations and standards, such certification programs are essential to harmonize safety practices and safeguard lives and properties across the nation.



Mr. Rakesh Parashar



Safety Leadership: Nurturing a culture of well-being and excellence

An organisation comprises individuals from diverse cultural backgrounds, each of who bring their own unique perspectives, values, skills, experience, and talent to the workplace. While this diversity ensures a dynamic, enriching, and multifaceted environment in the workplace, this can also lead to varied interpretations and understandings, impacting workplace safety.

In this setting, leaders play a very important role in guiding, directing, and influencing the organisation to achieve its goals by making strategic decisions, managing resources, and ensuring overall success of the organisation.

While leaders in an organisational context are tasked with guiding the company's overall direction and achieving diverse business goals, such as revenue growth, customer satisfaction, market expansion, operational efficiency, risk management, innovation, and brand building, among others, their primary emphasis on the 'Three Ps' — 'Productivity,' 'Profits,' and 'Profitability' — can occasionally lead to a diversion of focus from the critical aspect of safety in pursuit of business objectives. This is where the role of 'Safety leaders' becomes paramount.

Safety leaders play an extremely important role in the workplace, as they are dedicated to ensuring a safe working environment and ensuring that safety remains a paramount priority alongside business goals.

Architects of organisational success:

While both 'Leaders' and 'Safety Leaders' play a crucial role in shaping the success of an organisation, their roles are uniquely different. It is therefore imperative to understand the distinct responsibilities that set them apart.

1. While a leader assumes the primary responsibility for formulating strategic decisions related to operations, market strategies, and financial performance, safety leaders dedicate their focus to establishing and preserving a safe working environment for the employees.
2. In the pursuit of overall business objectives, a leader charts the course by setting goals, allocating resources, and guiding the team. Conversely, safety leaders direct their efforts towards minimising accidents, injuries, and occupational hazards, placing paramount importance on the well-being of employees.
3. In the organisational context, decision-making encompasses leaders addressing diverse aspects including finance, marketing, and operations. In contrast, safety leaders centre their decision-making on safety protocols, training initiatives, and emergency response planning.

4. While a leader communicates broadly about the organisation's vision, goals, and strategies, a safety leader places a distinct emphasis on communicating policies, procedures, and emergency protocols related to safety.

5. The success of a leader is measured by financial performance, market share, and overall business growth, whereas the success of a safety leader is gauged by the reduction of accidents, injuries, and the establishment of a robust safety culture.

6. A leader's expertise encompasses various business disciplines like management, finance, and marketing, while a safety leader requires specialised knowledge in safety regulations, risk assessment, and emergency response procedures.

7. A leader focuses on fostering comprehensive employee satisfaction and engagement in organisational initiatives to ensure the success of its objectives, while a safety leader prioritises effective employee engagement in health and safety activities, to ensure the accomplishment of safety objectives.

8. While a leader ensures compliance with various business laws and regulations to safeguard business interests, a safety leader ensures adherence to safety regulations and standards to safeguard the well-being of employees.

7. Most importantly, while 'Leadership' typically refers to individuals in managerial or executive roles, who hold formal positions of authority within the organisational hierarchy, 'Safety Leadership', extends beyond formal authority, recognising the capacity of every member to influence the safety culture through their attitudes, behaviours, and commitment. This entails not only adherence to safety protocols but also active promotion and enforcement, to prevent workplace accidents, injuries, and hazards. Safety leaders thus promote safety as a collective responsibility, where personnel at all levels, play a vital role in fostering a culture of safety within the organisation.

Both leaders and safety leaders contribute to the organisation's success in different, yet complementary ways. Recognising their distinct roles within an organisation is crucial to understanding their impact on overall success.

While leaders focus on strategic business goals to enhance productivity and profitability, safety leaders are committed to creating and maintaining a safe working environment, indirectly contributing to enhanced productivity and profitability. Seamless integration between both, ensures that employees operate in a

conducive environment, leading to improved morale, heightened job satisfaction and reduced absenteeism caused due to injuries. This collaborative effort contributes synergistically to increased productivity, improved profitability, and sustained organisational growth.

The crucial role of safety leadership in organisational well-being:

Safety leadership is critically important for organisations as it plays a key role in ensuring the well-being of employees and contributing to the overall success and sustainability of the business. While Safety leaders are not directly responsible for achievement of business goals, they play a pivotal role in ensuring the same.

Some key facets illustrating the significance and benefits of safety leadership for an organisation include:

1. Employee well-being and morale:

By prioritizing employee health and safety, safety leaders create a work environment that values their well-being. This not only fosters a culture of care, but also helps prevent workplace accidents. This commitment ensures employees return home to their loved ones, in the same condition that they came to work, promoting job satisfaction and improved morale. A safe environment not only instills confidence but also builds trust and loyalty, contributing to an engaged and positive organisational culture.

2. Reduced absenteeism:

Committed employees means, lower rates of absenteeism, either due to accidents or otherwise. Reduced absenteeism ensures that the workforce remains consistently present and productive.

3. Enhanced productivity:

Safety leaders emphasise the importance of preventive measures and hazard identification, resulting in fewer disruptions caused by accidents or injuries. This environment ensures that employees focus on their tasks without concerns about their well-being, fostering increased employee engagement in safety. This not only boosts employee productivity and efficiency, but also positively impacts overall organisational performance, recognising that a motivated and engaged workforce is inherently more productive.

4. Reduced accidents and costs:

Safety leaders pro-actively implement and enforce robust safety protocols preventing workplace accidents, injuries and illnesses. This minimises disruptions caused by accidents, reduces downtime, and ensures continuous productivity, which translates to lower costs associated with medical expenses, workers' compensation claims, potential legal liabilities and even insurance claims. These savings positively impact the organisation's bottom line.

5. Positive organisational reputation:

Safety leadership contributes to an enhanced organisational reputation and brand image in the industry as it signals a commitment to ethical practices and employee welfare. A strong safety track record, not only helps organisations build a positive reputation, but also contributes to increased trust among clients, customers, business partners and all stakeholders. This reputation helps attract additional business opportunities - both nationally, as well as internationally.

6. Employee retention and talent acquisition:

A commitment to safety and a strong safety culture in an organisation, not only contributes to higher job satisfaction, but also reduces employee attrition, which promotes talent retention. While employees are more inclined to stay in an organisation which prioritises their well-being, these organisations also attract top-tier talent. This aids in talent acquisition fostering a skilled and motivated workforce, that positively influences overall business performance.

7. Legal compliance:

Safety leaders ensure adherence to safety regulations and standards. This not only safeguards the organisation's reputation by helping avoid legal repercussions, financial penalties and sanctions, but also demonstrates a commitment to ethical and responsible business practices.

8. Innovation and creativity:

The psychological safety provided by effective safety leadership nurtures a culture of experimentation and learning. A safe workplace fosters an environment where employees feel secure to contribute innovative ideas and creative solutions.

9. Improved efficiency:

Safety leaders often identify and address potential hazards that could impact operational efficiency. By optimizing processes for safety, they indirectly contribute to smoother operations,

minimising errors and enhancing overall efficiency.

10. Long-term organisational success:

Safety leadership contributes to the long-term success of an organisation by creating a resilient, adaptive, and high-performing workplace. An organisation that prioritises safety is better equipped to navigate challenges and capitalize on opportunities.

11. Risk mitigation and emergency preparedness:

Safety leaders focus on identifying and mitigating risks, as well as developing emergency preparedness plans. This proactive approach helps the organisation respond effectively to unforeseen events, minimising disruptions and ensuring business continuity.

12. Sustainable business practices:

Safety leadership contributes to sustainable business practices by minimizing the environmental impact of operations and promoting responsible resource management. Sustainability practices align with societal expectations and can enhance the organisation's standing in the market.

The leadership commitment to safety transcends mere compliance; it becomes a shared responsibility ingrained in the fabric of the organisation. In this symbiotic relationship between leaders and safety leaders, the dividends are evident – a workplace where individuals thrive, risks are mitigated, and success is not only measured in productivity, but in the well-being of every team member. This personifies an organisation's pledge to its greatest asset – 'its people'.

By investing in safety leadership, organisations not only fulfill their 'Duty of care' to employees, but also lay the foundation of a resilient and successful organisation destined for enduring triumph of their business objectives.

In the collective pursuit of safety excellence, it is vital to recognise that while leaders are appointed, the mantle of a safety leader is taken on, as an assumed responsibility. In this paradigm, if a leader is a 'Hero,' a safety leader emerges as the undisputed 'Super Hero.'

MESMERIZING JOURNEY OF “UNITED MANUFACTURING CO.”



“**United Manufacturing Co.**” carries a rich legacy of around six decades of presence in the industry and still going strong. The legacy mirrors quality, transformation, growth, expansion & courage generation after generations.

In **1968** my grandfather “**Sardar Huzur Singh**” with my father “**Sardar Amarjeet Singh**” formed “**United Manufacturing Corporation**”. The company started manufacturing *Oil Tankers, Recovery Vans, Trippers (Hydraulic), Water Tanker, Prisoner Vans & recovery Vehicle*.



“Sardar Amarjeet Singh”

“Sardar Huzur Singh”

In **1980**, the first order for fire tenders from “Delhi Fire Service” was endowed and that is how the company ventured with the fire industry. After successful execution of the first order there was no looking back. Gradually our growth with the fire industry profusely flourished and the stake in the previous business of oil tankers etc. declined as the company got busy with the manufacturing of fire tenders etc.

It was **1995**, I, Gurpreet Singh, a management graduate joined the business. It was my turn to prove myself and carry tote the legacy to the next level. First I did *SWOT* analysis of the market, opportunities & potential challenges. Since I had inherited a profound interest in technical field from my grandfather & father that prepend beneficial value to my capabilities.

I stressed on structuring of the business with existing environment. I set up sophisticated and *state of art* manufacturing facilities. A modern “Tool Room” was set up to facilitate quality production. Based on my analysis I had to attain best quality production that can set a bench mark in the industry.

In the year of 1999, we captured first order from “Indian Air Force” for “Domestic Fire a Tender” which was an addition of new dimension for us. The horizon of our business was expanding and we started working with refineries like ONGC, BPCL, IOCL, HPCL etc. Working for Ordinance Factories, HAL, BHEL & Maruti (just to name a few) were another feather in our cap.

Our quality assurance was fetching trust & business. We have had our international ventures with international equipment manufacturers like Oshkosh-USA, Spec-Germany, Resqtech- Netherlands (for rescue tools) etc.

“Mr. Inderpreet Singh”, a dynamic, visionary, management graduate with business acumen has joined the opulent legacy. In a short span of time, he has expanded the bandwidth of company's operations by adding Light Mask, Smoke Exhauster, Ground Monitors, Light Weight Constant Flow Nozzle & High Pressure Gun.

He has contributed multidimensional growth to the company by winning tender for the police department and successfully executing the orders for Water Cannon & Vajra for Haryana Government.

I am very pleased that the fourth generation is in the business and adding value. Such a vast legacy never comes easy it has to conquer many challenges. It has to cross many obstacles posed on the way. The key to that is 3 Ps i.e. Patience, Planning and Proper Implementation.

Time to time new summons from the obstacles are imposed time to time they must be answered.

For example, if I talk about the latest one. The warranty period from the manufacturer has been elongated from 12 months to 36 months. We are experiencing that in-house maintenance in some departments is not up to the mark. This affect three ways, one the life of equipment is hampered; two performance of the equipment at the time of urgency may cause irreparable damage and three extra burdens on the manufacturer. Small steps may reduce the losses on all three dimensions as spoken

So the question is what is the solution? We feel that the departments, institutions or any private entity if it does not have proper maintenance facility they must opt for AMC model and there should be standing directives from the authorities. It will help to address the issue properly and we all can “Serve to Save”.

Associated with this pertinent subject my observation is that when the liability of maintenance lies with the manufacturer than in tender the specification of the equipment should be mentioned and not the make as many times those make do not render the required warranty. Many times the warranty is lapsed even before the delivery. Again the risk comes in our kitty. What happens in turn is that the resources we like to invest for the improvement of our manufacturing facility or R&D get delayed.

So I would like to state that small consideration will enable us to attain international standards.

Now, we are proud to share that we have exported to Asia and Africa like Ghana, Benen, Nepal, Bangladesh, Bhutan etc.

United Manufacturing Company is a legacy being carried out for four generations, the journey started in India by our elder generation has now been taken to international arena and that is just a beginning..





Manan Shah

Chief Executive Officer (CEO)



Hydrogen Leak Detection System in Battery Rooms

The GT-5022-FLP Standalone Gas Detector, developed by Ambetronics Engineers Private Ltd., is a cutting-edge device designed to ensure the safety of industrial environments. This article explores the technology behind this gas detector, the types of gases it can detect, and how it serves as a game-changer for industries such as oil and drilling rigs, chemical plants, waste recycling, and offshore/onshore platforms.

Technology Behind the GT-5022-FLP Gas Detector:

The GT-5022-FLP employs advanced sensor technologies, including Electrochemical, Catalytic, Pellistor, NDIR, and PID. These technologies enable the detection of various gases such as Oxygen, Toxic Gases, Combustible Gases, and Volatile Organic Compounds (VOC). The device's smart and pluggable gas sensor module allows for flexibility and easy maintenance. The calibration data, alarm data, offset data, and output current data are stored within the sensor module, enhancing maintenance efficiency.

Types of Gases Detected: The GT-5022-FLP Gas Detector is versatile and can detect a wide range of gases critical for industrial safety. These include but are not limited to:

- Oxygen (O₂)
- Hydrogen Fluoride (HF)
- Hydrogen Sulphide (H₂S)
- Carbon Monoxide (CO)
- Methane (CH₄)
- Carbon Dioxide (CO₂)

Various VOCs (Isobutylene, Ethanol, Methanol, etc.)

The detector's high resistance to poisoning and etching, along with its capability to detect gases down to PPM, %V/V, and %LEL, makes it an invaluable tool for maintaining a safe working environment.

Game-Changer for Industries:

The GT-5022-FLP Gas Detector proves to be a game-changer for industries facing potential gas hazards. Its applications span across oil and drilling rigs, chemical plants, waste recycling facilities, offshore and onshore platforms, and more.

ELEVATE YOUR SAFETY STANDARDS WITH THE

GT-5022-FLP STADALONE GAS DETECTOR

 **AMBETRONICS**



CHEMICAL PLANT



WATER TREATMENT PLANTS



OIL RIGS/DRILLING RIGS



PROCESS INDUSTRY



Here's why it stands out:

- a) **Approval & Compliance:** Meets international standards (IS/IEC) and has certifications from CIMFR and PESO, ensuring its reliability and adherence to safety regulations.
- b) **Versatile Applications:** Suitable for diverse applications such as refineries, cold storage, gas metering stations, chemical processing plants, and automotive industries.
- c) **Non-Intrusive Programming:** The flameproof model allows for non-intrusive programming using front keys, enhancing user convenience and safety.

- d) **Optional Features:** The device offers optional features like RS-485 communication, STEL and TWA set points, and alarm relay contacts, providing customization based on specific industry requirements.

Get in touch with us for more details or enquiries:

93207 37646

STAY SAFE AND AWARE!
with our Fixed Type Multi Gas Detector

 **AMBETRONICS**
AN ISO 9001:2015 CERTIFIED COMPANY

Standalone Multi Gas Detector
GT-5022-FLP





-  Dual Gas concentration indication at time.
-  Hot Swappable Smart Sensor
-  Capable of detecting down to PPM, %V/V, %LEL.
-  Digital display of Gas Concentration on LCD Display.
-  Standard 4-20mA signal output with configurable range.

Manufactured by :

AMBETRONICS ENGINEERS PVT. LTD.

Contact :  Sales8@ambetronics.com • Sales11@ambetronics.com
 +91-22-6962 3389  +91-93207 37646  www.ambetronics.com

Follow us on    

Our Branches : • Ahmedabad • Bangalore • Bharuch • Chennai • Hyderabad • Kolkata • Mumbai • New Delhi • Pune • Ranchi



Mr. Dhiren Parekh
Director

Fire Safety Devices Pvt. Ltd.

IMPORTANCE OF QUALITY OF FIRE FIGHTING CHEMICALS

Fire fighting chemicals, essential components in combating fires of various types and intensities, play a crucial role in modern fire suppression strategies. The quality of these chemicals significantly impacts their effectiveness in extinguishing fires swiftly and safely. This article delves into the key aspects that define the quality of fire fighting chemicals, highlighting their importance in ensuring fire safety.

Effectiveness Against Different Types of Fires:

Fire fighting chemicals are designed to combat fires fueled by different materials, such as wood, paper, flammable liquids, gases, and electrical equipment. The quality of these chemicals lies in their ability to effectively suppress flames without exacerbating the fire or posing additional risks to occupants or the environment. Chemically, they must be capable of disrupting the combustion process or cooling the fuel below its ignition temperature.

Speed and Efficiency:

High-quality fire fighting chemicals act swiftly upon application. They should suppress fires rapidly, minimizing damage and reducing the risk of escalation. Efficiency also includes factors like ease of deployment, mixing, and compatibility with fire fighting equipment, ensuring that firefighters can effectively utilize them in emergency situations.

Environmental Impact:

Modern fire fighting chemicals strive to minimize environmental impact. Quality chemicals are formulated to degrade safely without leaving harmful residues or contributing to soil or water contamination. They should meet stringent environmental regulations and standards to ensure they are safe for use in diverse settings, including residential, commercial, and industrial.



Safety for Firefighters and Occupants:

The safety of both firefighters and occupants is paramount. High-quality fire fighting chemicals are non-toxic and do not pose health hazards when used as directed. They should not release harmful fumes or by-products during combustion or interact dangerously with other substances commonly found in fire scenarios.

Shelf Life and Storage Conditions:

The longevity of fire fighting chemicals is crucial for their reliability during emergencies. Quality chemicals are stable over extended periods and retain their effectiveness even after prolonged storage. Proper storage conditions, such as temperature and humidity control, are necessary to maintain their efficacy and prevent deterioration.

Research and Development:

Continuous research and development are essential for improving the quality of fire fighting chemicals. Innovations in chemistry and materials science contribute to developing more effective formulations that offer superior fire suppression capabilities while addressing environmental concerns and safety requirements.

Regulatory Compliance and Standards:

Quality fire fighting chemicals adhere to national and international standards and regulations. These standards ensure that the chemicals undergo rigorous testing for performance, safety, and environmental impact before being approved for use by firefighting agencies and industries worldwide.

Conclusion: The quality of fire fighting chemicals is integral to effective fire suppression strategies, safeguarding lives, property, and the environment. Advances in chemical formulations and rigorous adherence to safety and environmental standards continue to enhance their reliability and efficiency in combating fires of all types. As technology evolves, so too will the quality and capabilities of fire fighting chemicals, ensuring that firefighters have the best tools available to protect communities from the devastating effects of fires.



Mr. Vicky Gupta

Director

Heapro India Safety Products Pvt Ltd

Vice President- SAMA



Kindly let our readers know about your company and its history.

In 2006, our journey began with the birth of **HEAPRO**, a brand dedicated to crafting safety helmets that set new standards for protection and comfort. With each passing year, our commitment to excellence and customer satisfaction propelled us forward, earning us the trust of esteemed clients across industries.

What product range do you offer in the market?

We provide a range of safety products from head to toe however we specialized in head, fall and foot protection in safety as we believe that safety is our priority.

What is the quality policy of your company?

At **HEAPRO**, we are dedicated to providing you with the best safety solutions and will continue to innovate and improve to meet your safety needs. Your safety is our priority, and we are committed to making every workplace safer with our high-quality PPE. We believe that "Every life is precious".

How do you ensure quality of your product range?

As per the National as well as International Quality Standards our products go through rigorous Testing and the products are certified by the notified bodies. We also ensure third party Testing at different intervals.

After pandemic Indian safety industry has marked its strong footprint both nationally and internationally, what do you think the chances are for our safety industry to have our share of pie in the international market?

Safety industry has grown exponentially with many countries preferring India over China for supply of PPE's. The manufacturing cost in India is as low as compared to any other country and this is a very strong advantage over other countries.

Are you also exporting to the international market?

Yes we are Exporting to many countries including Qatar, Kuwait, Bahrain, Saudi Arabia, UAE, America, UK, Iraq, Singapore and Malaysia.

We congratulate you for being elected as Vice President of SAMA. What policies are you going to suggest to improve safety practices in India?

Thank you very much for wishes. As the newly elected Vice President of SAMA, I'm honored to have the opportunity to contribute to improving safety practices in India by creating more awareness of safety in the industry through events across PAN INDIA in association with different Organisation like NSC, FSAI, PHDCCI and FICCI to name a few . Our association SAMA is working towards upgrading the Indian Standards as per the International standards.

What is your expectation about the safety market growth in the coming five years?

According to a study the global PPE market was estimated at USD 71 Billion in 2021 and anticipated to reach around USD 121 billion by 2030.

What is your view on safety practices in India and how it can be improved?

Safety practices in India have improved a lot after COVID -19 but still face significant challenges, In workplaces, particularly in industries like manufacturing and construction, safety standards are often compromised due to insufficient technologies, faulty equipment, lack of Training and Lack of maintenance. To cope up with this we should give more and more Training & Awareness.

What message would you like to give for our readers?

By integrating safety education into our curriculum and daily practices, we can foster a culture where safety becomes second nature. Together, we can create an environment where everyone is vigilant, informed, and committed to ensuring the well-being of our educational community.



Fire Industry Directory

One Stop Rendezvous to access Gamut of information about Indian Fire Industry

ADVERTISER CENSUS



Circulation of "FID"



Grow Your Business with us Connect with:

- Fire Chiefs & End Customers
- Fire Safety Professionals/Military
- Fire Services
- MNCs
- Manufacturers/Resellers
- Local Authorities
- Public Sectors/Metro
- Railway/Fire Consultants
- CISF - Fire Wing
- Construction Industry
- Hospitals
- Petro Chemical Industry
- Airport Brigade
- Disaster Management Authorities
- Port Trust
- Malls & High Raise
- Buildings/Industrial
- Manufacturing Plants

...And Many More

www.fireandsafetycommunity.com



Safety Industry Directory

One Stop Rendezvous to access Gamut of information about Indian Safety Industry

ADVERTISER CENSUS



Grow Your Business with us Connect with:

Safety officers of various disciplines

- Automobile Sector
- Oil Sector
- GAIL
- MNCs
- Pharmaceutical Sector
- Construction Sector
- Airport Authorities
- Local Authorities
- Petrochemical Industries
- Metro
- Municipalities
- Disaster Management Authority
- SDMA
- Port Trust
- Dockyard & Shipyard
- Manufacturing Plants

CONTACT FOR ADVERTISEMENT BOOKING



Ph: +91-11-45610104
 Mob: +91-9868749510 / 9873820580
 Email: firedirectory@gmail.com / safetymdirectory@gmail.com



Mr. Ravi Shah
Director
Ambetronics Engineers Pvt. Ltd.

Kindly let us know about your company?

Ambetronics Engineers Private Limited is a company based in (Mumbai) India that specializes in manufacturing and supplying Gas & Flame detection systems. It offers a range of products designed for monitoring and controlling various parameters in industrial processes. This includes gas detection systems, temperature and humidity monitoring instruments, data loggers, IoT's and other related devices. The company serves a wide range of industries including pharmaceuticals, chemicals, food processing, HVAC (Heating, Ventilation, and Air Conditioning), environmental monitoring, and more. Their products cater to both safety and efficiency needs within these sectors.

Ambetronics Engineers Pvt. Ltd. aims to continuously innovate and provide cutting-edge solutions that contribute to the safety, efficiency, and profitability of our customers' operations. We also provide peace of mind through efficient and reliable gas detection solutions that safeguard lives and property. Ensuring safety through innovative monitoring solutions for peace of mind.

What product range you offer to the Indian fire market?

Ambetronics Engineers Pvt. Ltd. combines technological innovation with stringent quality standards to deliver products that meet the specific needs of the Indian fire market. Their offerings



aim to enhance safety, efficiency, and compliance with fire safety regulations across industrial and commercial sectors in India. Such as:

Gas Detection Systems: These systems are crucial for detecting potentially hazardous gases such as methane, propane, hydrogen, carbon monoxide, and others. They help in early detection of gas leaks to prevent fire hazards.

Flame Detectors: Flame detectors are designed to detect the presence of flames or fires in industrial settings. They provide rapid response to fire incidents, helping to minimize damage and ensure safety.

Smoke Detectors: Smoke detectors are essential for detecting smoke particles in the air, signalling the presence of a fire. They are critical for early warning and prompt evacuation in case of fire emergencies.

Temperature Monitoring Instruments: These instruments monitor temperature levels in various parts of facilities and equipment. They help in identifying overheating situations which could lead to fire hazards if not addressed promptly.

Fire Alarm Systems: Ambetronics provides fire alarm systems that include detectors, control panels, and alarms. These systems are integrated to provide swift alerts and initiate appropriate response actions during fire emergencies.

Data Loggers: Data loggers are used for continuous monitoring and recording of environmental parameters such as temperature and humidity. They contribute to maintaining safe conditions and identifying potential fire risks through data analysis.

IoT Device: At the core of this digital revolution are IoT devices. An IoT device, short for the Internet of Things device, is a smart, connected device capable of sending and receiving data over the internet. These devices come in various forms, from smart thermostats and wearable fitness trackers to industrial sensors and remote monitoring systems. Ambetronics IoT products combine robust sensor technology, advanced data handling capabilities, and cloud-based connectivity to offer comprehensive solutions for industrial monitoring, safety, and efficiency improvement.

Control Panels and Accessories: These include various components essential for the effective operation and management of fire detection and alarm systems, ensuring robust and reliable performance.

What are your flagship brands?

Ambetronics is a Brand itself. **Ambetronics** is the industry leader in gas detection and flame detection technology, providing advanced solutions for safety and compliance. We are known for offering a variety of reliable and innovative products across different categories such as gas detection systems, temperature monitoring instruments, data loggers, and fire safety equipment.

Can you tell us about the production facility?

AEPL has dedicated production lines for different product categories such as gas & flame detection systems, temperature monitors, and IOT's and data loggers. Each line would be equipped with machinery and tools necessary for assembly, testing, and quality control. There would be stringent quality control measures in place to ensure that products meet international standards and to customer specifications. This includes testing procedures and inspections at various stages of production. Our dedicated R&D section would focus on innovation, product development, and improvement of existing products. This area would be equipped with laboratories and testing facilities.

What promotion strategies you adopt to promote your brand?

Ambetronics Engineers Pvt. Ltd. employs a mix of promotion strategies to enhance brand visibility and reach our target audience in the field of gas detection and flame detection technology, providing advanced solutions for safety and compliance. Here are several strategies that we utilize: Digital Marketing, **Social Media Marketing**, Trade Shows and Exhibitions, Direct Sales and Distribution Channels, Content Marketing, Email Marketing, **Customer Support and Training**, Public Relations, **Online Reviews and Testimonials**, Industry Partnerships and Collaborations.

How much market size growth do you see in coming five years?

The Flame & Gas detector market is analyzed to grow with the highest CAGR of 8% during the forecast period 2024-2029 and it is continuously growing.

How government policies are compliant to your line of business?

Here are ways in which government policies may be relevant and compliant to our line of business.

- 1. Safety Standards:** Governments often enforce stringent safety standards for industrial equipment and processes to protect workers, facilities, and the environment. Ambetronics' products, such as gas detectors and fire alarm systems, must comply with these standards to ensure they meet safety requirements.
- 2. Environmental Regulations:** Environmental regulations govern emissions, waste disposal, and sustainability practices within industries. Instruments like environmental monitors and data loggers can help businesses comply with these regulations by monitoring air quality, temperature, humidity, etc., to ensure environmental standards are met.
- 3. Product Certifications:** Governments may require certain certifications for products to be sold and used within their jurisdictions. Ambetronics must ensure their products meet these certifications (e.g., CE marking in Europe, BIS certification in India) to legally market their products and reassure customers of their quality and compliance.
- 4. Government Procurement Policies:** In some cases, government agencies themselves procure industrial process control instruments for public projects or facilities. Ambetronics may need to navigate government procurement processes and requirements to participate in these opportunities.
- 5. Research and Development Incentives:** Governments may offer incentives or funding opportunities for research and development (R&D) in technologies that improve industrial processes, safety, and efficiency. Ambetronics could benefit from such incentives to innovate and develop new products.
- 6. Trade Policies and Tariffs:** International trade policies and tariffs can affect the cost of importing/exporting raw materials and finished products. Ambetronics must navigate these policies to optimize their supply chain and remain competitive in global markets.

Overall, government policies play a crucial role in shaping the operating environment for Ambetronics Engineers Pvt. Ltd. They must stay informed about regulatory changes, ensure compliance with applicable standards, and leverage opportunities presented by supportive policies to grow their business responsibly and sustainably.

Are you exporting to other countries?

Yes, Our Products are exported to Malaysia, Netherlands, UAE, Nigeria, Kenya, Vietnam & Israel – We have Zero complaints and Repeat orders from these countries.

What are the expansion plans in coming two years?

To Increase our new range of products, with latest technology, we are also making new enclosure's which is tough in harsh chemical environment, which would be for lifelong product, by doing so, this will increase the longevity of sensor life, we are also increasing our service activity to offer better onsite service to customer's all over India.

Kindly give message to the readers?

Dear Readers,

In a world driven by innovation and progress, it's essential to stay informed and adaptable. Whether you're navigating new technologies, exploring business opportunities, or simply seeking knowledge, remember that learning is a continuous journey. Embrace curiosity, keep an open mind, and engage with ideas that challenge and inspire you.

As you pursue your goals and aspirations, remember that growth often comes from stepping outside your comfort zone. Take calculated risks, learn from both successes and setbacks, and cultivate resilience. Together, we can shape a future where creativity and collaboration thrive.

Stay curious, stay ambitious, and continue to explore the possibilities that lie ahead. Your journey is uniquely yours—make it meaningful, impactful, and fulfilling.

"At Ambetronics, we are committed in providing innovative and reliable Fire and Gas detection and IoT solutions to ensure safety, efficiency and peace of mind to our customers. Our dedication to quality, customer satisfaction and continuous improvement drives us to deliver cutting-edge technologies that meet the evolving needs of various industries. We strive to be a trusted partner in creating a safer and smarter world. Thank you for your continued support and trust in Ambetronics Engineers Private Limited."

The graphic features a dark blue background with a collage of safety-related images, including a person in a high-visibility vest and a white hard hat. At the top left, the text "Safety Professionals Association of India" is displayed in white. Below it is a logo of two hands shaking, with the text "Join Hands with" underneath. To the right, a central yellow hexagon labeled "Safety First" is surrounded by several other hexagons containing the words: Health, Danger, Protection, Work Safety, Workplace, Procedures, Regulations, and Hazards. On the left side, a pink octagon contains the text: "Founded By: Mr. A. K. Singh, Founder Chairman (Former Executive PSUs & SAARC Countries), Mob: +91-7727935915". At the bottom right, the website "www.spaiindia.org" is listed, followed by contact information for Mr. Veerpal Singh Tanwar (CEO), including his mobile number and email address. A large, stylized "SPAi" logo is positioned at the bottom center, with the full name "Safety Professionals Association of India" written in a circular arc around it. A red and green arrow points upwards in the bottom right corner.

Safety Professionals Association of India

Join Hands with

Founded By:
Mr. A. K. Singh
Founder Chairman
(Former Executive
PSUs & SAARC
Countries)
Mob: +91-7727935915

Safety First

Health, Danger, Protection, Work Safety, Workplace, Procedures, Regulations, Hazards

www.spaiindia.org

Contact:
Mr. Veerpal Singh Tanwar (CEO)
Mob: +91-9251010590
E-mail: spaiindia.safety@gmail.com

SPAi
Safety Professionals Association of India



Ashish Parekh
Director
Fire Safety Devices Pvt. Ltd.



Improving Fire Safety Practices in India: A Call to Action

Fire safety remains a critical concern in India, where incidents of fire outbreaks often result in devastating consequences due to inadequate preparedness and infrastructure. From residential buildings to industrial complexes, the need for improved fire safety practices is evident. This article explores key strategies and initiatives that can contribute to enhancing fire safety across the country.

Awareness and Education:

A fundamental step towards improving fire safety is to increase awareness and educate the public about fire prevention and response measures. This includes educating individuals on the causes of fires, proper handling of flammable materials, and the importance of installing and maintaining fire safety equipment such as smoke detectors, fire extinguishers, and sprinkler systems.

Strengthening Building Codes and Regulations:

Updating and enforcing stringent building codes and fire safety regulations is crucial. Buildings should be designed and constructed with fire-resistant materials, adequate fire exits, and clear evacuation routes. Regular inspections and audits of buildings to ensure compliance with safety standards are essential to prevent fire hazards.

Training and Capacity Building:

Training programs for firefighters, building managers, and occupants are essential to improve response times and effectiveness during fire emergencies. Firefighters should receive

regular training in modern firefighting techniques, handling of specialized equipment, and coordination in multi-agency response efforts. Building occupants should also be trained in evacuation procedures and fire safety drills.

Enhancing Firefighting Infrastructure:

Investing in modern firefighting equipment and infrastructure is critical. This includes procuring fire engines, aerial ladders, and advanced fire suppression systems capable of handling various types of fires. Ensuring adequate water supply and hydrants in urban and rural areas is also essential for quick response and effective firefighting operations.

Promoting Research and Innovation:

Encouraging research and innovation in fire safety technologies can lead to the development of more efficient fire detection systems, eco-friendly fire retardants, and advanced firefighting techniques. Collaboration between academia, industry, and government agencies can foster the development of indigenous solutions tailored to India's unique fire safety challenges.

Public-Private Partnerships (PPPs):

Engaging private sector stakeholders in fire safety initiatives through PPPs can help mobilize resources and expertise. Private entities can contribute by implementing stringent fire safety protocols in their facilities, conducting fire risk assessments, and supporting community outreach programs on fire safety.

Community Participation and Vigilance:

Empowering communities to actively participate in fire safety initiatives is crucial. Community-driven awareness campaigns, neighborhood watch programs for fire hazards, and fostering a culture of responsibility among citizens to report potential fire risks can significantly enhance overall fire safety preparedness.

Government Support and Policy Advocacy:

Government support is essential in driving comprehensive fire safety reforms. Policymakers should prioritize fire safety in urban planning, allocate adequate funds for infrastructure development,

and incentivize compliance with fire safety standards through tax incentives or certifications.

Conclusion:

Improving fire safety practices in India requires a concerted effort involving government agencies, private sector stakeholders, communities, and individuals. By prioritizing awareness, education, infrastructure development, and innovation, India can significantly reduce the incidence and impact of fires, safeguarding lives, property, and economic assets. Implementing these strategies will not only mitigate risks but also foster a resilient and fire-safe environment for future generations.

TSS **TOTAL SAFETY SOLUTIONS**

**MULTIPURPOSE
HIGH - LOW PRESSURE
FIRE PUMPS**

ISO
MSME
महानगर, लघु एवं माझम उद्योग
MICRO, SMALL & MEDIUM ENTERPRISES

CE

CLASSIFIED
UL

**FIRE
FIGHTING
PUMPS**

TOTAL SAFETY SOLUTIONS
Contact Person: Mr. Brij Kishore
Mob: +91-9650984177/ 9211207080
Address: WZ-3A, Basai Darapur, New Delhi-110015, India
E-mail: tssfirepumps@gmail.com



UNITED FORGE

(AN ISO CERTIFIED COMPANY)





Welcome to UNITED FORGE, a renowned leader in the manufacturing of Forged Pipe Fittings, Butt weld Fittings, & Forged Steel Flanges. With over 18 years of expertise, we are your trusted source for high-quality products adhering to ASTM/ASME specifications & customized requirements.

Our sprawling 10,000 sq.mtrs manufacturing base, strategically located in Vadodara, India, houses state-of-the-art facilities for forging, forming, machining, and more. We take pride in our in-house capabilities, including heat treatment, surface treatment, and thorough testing.

At UNITED FORGE, our commitment to quality is reflected in our ISO 9001, ISO 14001, & ISO 45001 certifications, as well as our PED/2014/EU certification. Our dedicated team of Production Engineers, Supervisors, and QA/QC Engineers, alongside skilled workers, ensures immediate responses, excellent quality, quick delivery, and utmost customer satisfaction.

In a relatively short time, we've emerged as a leading manufacturer of top-quality Pipe Fittings & Flanges. Our strong fundamentals in design, manufacturing, quality control, and customer service, coupled with robust financial capability, enable us to meet demands not only in India but across the globe. Choose UNITED FORGE for reliability, precision, and excellence in the world of fittings and flanges.

★ OUR TEAM ★



PRODUCT RANGE

FORGED FITTING

Grades	: Carbon Steel, Mild Steel A105, IS4712.
Size	: 1/2" - 4".
Class	: 2000#, 3000# for threaded. 3000#, 6000#, 9000# for Socket weld / Socketweld X Threaded.
Dimension STD	: B16.11, MSS SP95.
Products	: Elbow, Tee, Coupling, Cross, Cap, Union Out-let: Threaded, Socket weld, Profit cut coupling, Boss, Bull Plug, Swage Nipple, Barrel Nipple, Close Nipple.
Coating	: Galvanised :- Electroplating & Hotdip Galvanised. Colour :- Black Japan, etc Oiling.



BUTT-WELD FITTING

Grades	: Carbon Steel, Mild Steel ASTM A234 WPB, IS 1239 Part II, IS 3589.
Size	: Seamless- 1/2" - 24". Wealded/ERW :- 1/2"-72".
Schedule	: Seamless S/10, S/20, S/STD, S/40, S/XS, S/80 S/100, S/120, S/140, S/160, S/XXS. Welded / ERW :- Heavy, Medium, Light.
Dimension STD	: B16.9, B16.28.
Products	: Elbow, Tee, Concentric & Eccentric Reducer, Cross, Cap, etc.
Coating	: Galvanised- Electroplating & Hotdip Galvanised, Colour- Black Japan, etc.

FLANGE

Grades	: Carbon Steel, Mild Steel A105, IS 2062.
Size	: 1/2" - 24" (forged flanges) 1/2" - 30" (Plate flange) (above 30" as per customer requirement)
Class	: Forged- 150#, 300#, 600#, 900#, 1500#, 2500# Plate - Table D, Table E, Table F, PN10, PN16 150#, 300# etc.
Dimension STD	: B16.5, BS10, DIN STD, etc.
Products	: Slipon, Blind, Weldneck, Threaded Flange, Socket weld Flange, Spectacle Blind.
Coating	: Galvanised- Electroplating & Hotdip Galvanised, Colour- Black Japan or Varnish.



PRODUCTION FACILITIES



TESTING FACILITIES



WORK CULTURE



OUR CLIENTLE

Oil & Industry



Fire Fighting & HVAC





UNITED FORGE

(AN ISO CERTIFIED COMPANY)



Manufacture unit I:

31, Por Industrial park, Vadodar-391 243 Gujarat, India.



Manufacture unit II:

279, Por GIDC, Ramangamdi, Vadodara-391 243 Gujarat, India



+91 9820 860 117 / +91 9769 090 271



sales@unitedforgeind.com / sales@united-forge.com



www.unitedforgeind.com

Current Update



Massive Fire in shop near Petrol Pump in Noida

A major fire incident took place near petrol pump in sector 37, Noida in a shop. The fire was extinguished without any causality.

The fire was massive and three fire engines were pressed. The incident reportedly took place at around 10:00pm. The CFO and team were at the spot. Ten fire tenders rushed to the spot later on. The fire was contained with great efforts. If the fire could have reached to the petrol pump it could have played havoc.

As soon as the incident was reported immediate action was taken. It took 1.5 hours to control the fire.

The authorities are trying to ascertain the reason for the cause for fire.



Co-Sponsor



State Partner



Associate Partner



Organiser



Co-Organiser



**PARTICIPATE IN ONE OF
INDIA'S BIGGEST
EXHIBITION &
CONFERENCE
ON INDUSTRIAL SAFETY
(HSE), FIRE SAFETY &
DISASTER RESPONSE**

**Meet the Real
Buyers & Decision Makers
Across Industry**



**24th - 25th
JULY 2024**
Timing: 10:00 AM to 5:30 PM

**INDIA EXPO CENTRE
& MART, KNOWLEDGE
PARK-II, GREATER NOIDA**

Tittle Sponsor



Platinum Sponsor



Diamond Sponsor



Gold Sponsors



Supporting Partner



Media Partner



For More Details

Mr. Kaushik Fuloria
Senior Resident Officer, PHDCCI
M: +91-8882464168

www.ufsec.in



RAHUL SAKHUJA

Director

Free Fall Safety Industries

Committee Member- SAMA North Chapter

Ensuring Safety at Heights:

The Crucial Role of Safety Harnesses

“In the realm of occupational safety, few measures are as crucial as the proper use of safety harnesses, particularly in industries where working at heights is routine. Whether in construction, maintenance, or rescue operations, safety harnesses serve as the front line defense against life-threatening falls and accidents. Their significance cannot be overstated, as they not only protect individual workers but also uphold organizational responsibility and legal compliance.”

In the realm of occupational safety, few measures are as crucial as the proper use of safety harnesses, particularly in industries where working at heights is routine. Whether in construction, maintenance, or rescue operations, safety harnesses serve as the front line defense against life-threatening falls and accidents. Their significance cannot be overstated, as they not only protect individual workers but also uphold organizational responsibility and legal compliance.

Preventing Fatalities and Injuries

The primary purpose of safety harnesses is to prevent falls. According to occupational safety regulations worldwide, employers are mandated to provide fall protection equipment when employees work at elevations above certain thresholds. Safety harnesses, along with associated equipment like lanyards and anchor points, form a comprehensive fall arrest system that mitigates the risk of serious injury or death.

Statistics underscore the importance of these measures. Falls from heights remain one of the leading causes of workplace fatalities globally, emphasizing the critical need for robust fall protection strategies. A properly fitted and secured safety harness acts as a lifeline, distributing the forces of impact in the event of a fall and allowing for a controlled descent or suspension until rescue.

Legal and Regulatory Compliance

Beyond the moral imperative of safeguarding workers, compliance with occupational safety regulations is a legal requirement for employers. Authorities across jurisdictions mandate strict guidelines for fall protection, specifying the type of harnesses and equipment suitable for different working conditions. Employers failing to adhere to these standards not only risk the lives of their workforce but also face severe penalties and legal repercussions.



Enhancing Workplace Confidence and Efficiency

Aside from its life-saving attributes, the presence of effective fall protection systems fosters a culture of safety within organizations. Employees who feel secure in their working environment are more productive and motivated, knowing that their well-being is prioritized. This confidence translates into enhanced efficiency and reduced absenteeism due to injury.

Training and Education

Equally vital to the efficacy of safety harnesses is the training provided to workers. Proper instruction on how to correctly don and adjust harnesses, inspect equipment for wear and tear, and execute safe practices while working at heights is indispensable. Regular refresher courses ensure that safety protocols remain ingrained in the workforce, promoting a proactive approach to hazard identification and mitigation.

Conclusion

In conclusion, safety harnesses represent more than mere pieces of equipment; they embody a commitment to preserving human life and ensuring workplace integrity. Their significance extends beyond regulatory compliance to encompass the ethical and operational imperatives of any responsible organization. By investing in comprehensive fall protection strategies and prioritizing employee safety, businesses not only safeguard their most valuable assets but also cultivate a culture of trust and excellence that resonates throughout their operations. As we strive for continuous improvement in occupational safety, the humble safety harness remains an indispensable tool in the quest for a safer, more secure workplace environment.





Mayank Agarwal

Director

Delight Industrial Solutions Pvt. Ltd.
Secretary- SAMA North Chapter



Kindly do let us know about the history of your company?

The company was established in the year of 2013, now the company is more than a decade in the industry. We ventured with the industry as channel partner.

In 2015, based on our experience and findings about the lucrative opportunities safety industry has to offer we ushered in manufacturing of cotton knitted gloves.

Encouraged with the success in 2018 we extended our manufacturing to polyester knitted and dotted cotton gloves.

We introduced premium range of coated gloves like PU Coated, Nitrile Coated, Latex Coated, ESD and different types of cut level gloves.

In 2023 further expansion of manufacturing was with Heat Resistant (Aramid) Gloves and sleeves.

What quality measures do you take in manufacturing process?

We check quality at each and every step to ensure quality. The quality check starts with raw material with extensive procedures.

We have our systems and competent quality control managers to keep up the pace with quality in each step of manufacturing process.

Each batch has to go for quality testing in our in house testing lab and when it is on the quality parameters perfectly than only our product is ready to go to the market.

Are you exporting your products as well?

We are exporting to SAARC countries.

How government policies are compliant with your business?

The government is doing tremendous job to create conducive business atmosphere. The policies are certainly agreeing with business requirements. Just to cite an example RIPS Scheme by Rajasthan Government is very beneficial for the entrepreneurs like us.

Center Government is making policies to promote business internationally and trying to India a manufacturer hub.

What size of safety industry in India do you expect in coming five years?

With the economic growth the requirement for safety products are on surge. As we presume that the current trends will continue which in turn will create more and more business avenues for us.

As far as I can foresee the market size for safety equipments will be four to five times in coming future.

How do you invest in your manpower?

We have three vertical of department. One is the manufacturing unit, second is office staff and third is marketing staff. We understand that each department's manpower has specific requirements. Thus to synchronize and address the requirements of each department we have formed a dedicated department for the redressal of their issues. This helps to create a healthy environment in the company.

Satisfied manpower is the most vital growth driver to the business.

We have ESI & PF scheme implementation in compliance with government policies for the staff thus we take care of their financial security.

We also understand that sharpening skills of the worker is very essential to optimize the output. Thus we regularly conduct training sessions as per specific need. We also sponsor them if they suggest some training program.

Any message for the readers?

Safety should be self implemented not law enforced. We should work in the direction where safety can be inculcated as social responsibility borne by all of us. Safety should be a responsibility of an individual as it casts a safety net not only to him but to his family.

I also would like to urge readers to go for quality never compromise. Realize it is for your own benefit. Safety is a right demand it with authority.

Reminiscence



Current Update



45 Indians among 49 killed in a devastating building fire incident in Kuwait

Massive fire engulfed in a six story building in Kuwait. In the fire incident death toll reached to 49 out of which 45 were Indian and more than 50 others injured. The authorities declared that 45 bodies were of Indians and 3 of Filipino. Identification of rest is underway.

Most of the deaths were due to smoke inhalation as appraised by Kuwait authorities to India. Significant number of occupants evacuated.

External Affairs Minister Shri. J. Shankar spoke to Kuwait counterpart Abdullah Ali Al-Yahya and urged him to ensure early repatriation of mortal remains of those burnt in horrifying fire incident in southern Kuwait's Mangaf area.

Prime Minister Shri Narendra Modi described the incident "Saddening". He also held a review meeting with S Jaishankar, Ajit Doval- NSA, Principal Secretary PK Mishra and others. He also announced ex-gratia of 2 Lakhs for deceased from PM Relief fund.

Minister of State for External Affairs Kirti Vardhan Singh arrived Kuwait to coordinate repatriation efforts and treatment.

Some of the bodies were burnt beyond recognition. DNA tests were conducted for the recognition. Indian Air Force aircraft was on standby to bring back the mortal remains.

Among the victims 24 are from Kerala and out of which 15 have been identified.

Emir of Kuwait, Sheikh Meshal Al-Ahmed Al-Jaber Sabah ordered a probe the incident and ordered hold accountable those responsible for such tragedy.

In a condolence message sent to the families of victims, Emir expressed deep sorrow and grief and offered his sympathy and wished speedy recovery to injured.

Current Update

Indian Ambassador Adarsh Swaika visited the hospitals and assured full assistance from the Embassy.

Five fire fighters have also sustained injuries during rescue operation.

The fire erupted at 6 am (local time). The building was rented by NBTC group. The fire started in a kitchen. 195 people were living in it, who were working for the same company.

Other than Indians killed in the fire incident were Pakistani, Filipino, Egyptian & Nepali nationals.

Indian Embassy released in Kuwait emergency numbers to assist.

Witnesses revealed that the closure of ground passages within

the building adding the severity of suffocation. This obstruction also hindered resident's movement.

One eye witness recalled that in an incident in which a resident worker jumped from the fifth floor, meeting a tragic end by struck the balcony's edge.





18th EDITION

SHOWCASE YOUR PRODUCTS & SERVICES AT
FIRE INDIA 2024. RESERVE YOUR EXHIBITION
SPACE TODAY AND IGNITE THE
GROWTH OF YOUR BUSINESS!



26TH - 28TH SEPTEMBER 2024
YASHOBHOOMI, IICC, DWARKA, NEW DELHI

BOOK YOUR
SPACE NOW

ORGANISED BY

MEDIA PARTNERS



FIRE & SAFETY

RESCUE MANAGEMENT

LIFE SAFETY & SECURITY

Personal Protective Equipment

INDUSTRIAL SAFETY REVIEW

DV ENTERPRISES

FIREWORLD

SAFE SECURE Real Time Information for the Safety, Security & Fire Professionals

SECURE asia

Drones Update

SER

THE FIRE & SAFETY TODAY

ASSOCIATED EVENTS



KEY FEATURE OF THE EXHIBITION



FOR DETAILS CONTACT:

9711361839
dkushwaha@servintonline.com

9711361842
prai@servintonline.com

www.fireindia.net



26TH - 28TH **SEPTEMBER 2024**
YASHOBHOOMI, IICC, DWARKA, NEW DELHI

**PARTICIPATE
WITH SAFETYEX
AND CONNECT WITH
EXPERTS
FROM THE
INDUSTRY**

**BOOK YOUR
SPACE NOW**



ORGANISED BY



Founded 1973

MEDIA PARTNERS



ASSOCIATED EVENTS



Contact Us:

9354688923
ppaul@servintonline.com

8810512969
ysisodiya@servintonline.com

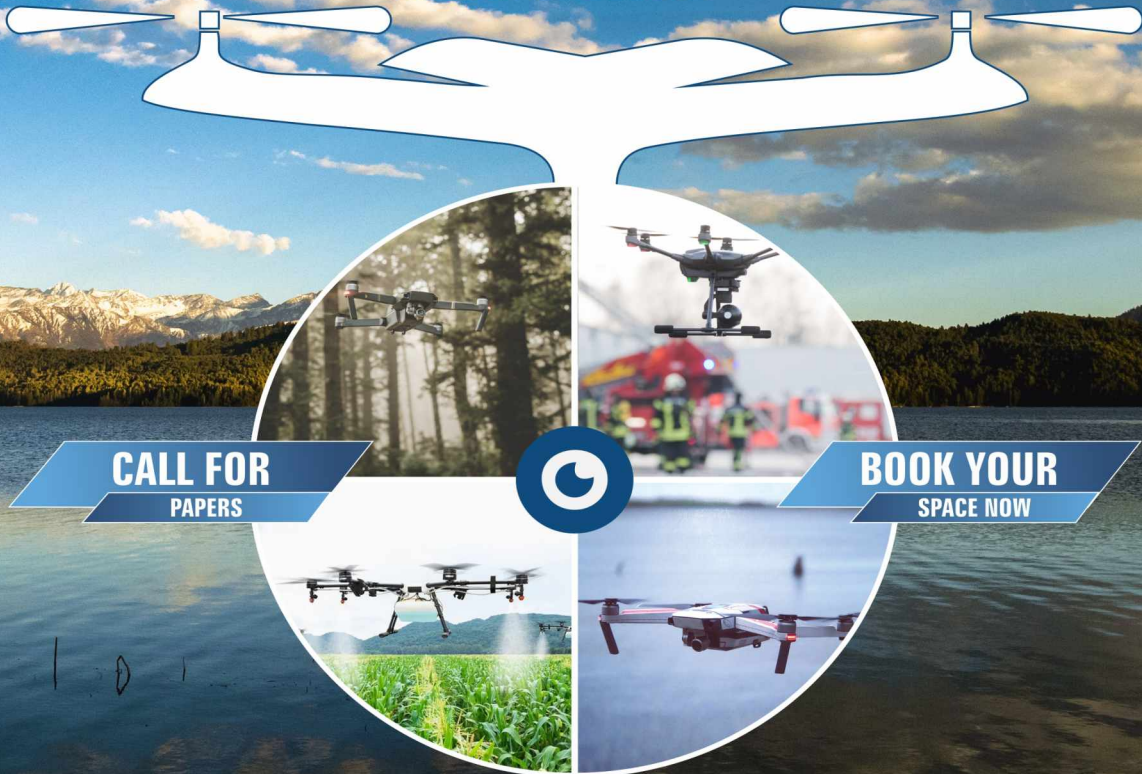
www.safetyex.in



26TH - 28TH SEPTEMBER 2024

YASHOBHOOMI, IICC, DWARKA, NEW DELHI

4th EDITION



**CALL FOR
PAPERS**

**BOOK YOUR
SPACE NOW**

SHOWCASE YOUR PRODUCTS & SERVICES AT DRONE EXPO 2024.

ORGANISED BY

MEDIA PARTNERS



ASSOCIATED EVENTS



Contact Us:

9354688923
ppaul@servintonline.com

9350230863
ukumar@servintonline.com

www.droneexpo.in

ESTD: 2016



Corporate Office

GABY FIRE PROTECTION INDUSTRIES PVT LTD

No:5/49, Upparahalli, Chikkamavalli,
Lalbhag West, R.V road, Opp. HDFC bank, Bangalore - 560004
Ph : +8331869376 / 8122223518
Email : gabyfireblr@gmail.com / mdgabyfire@gmail.com

www.gabyfire.com

Manufacturer & Whole seller of all Types of Fire Fighting, Industrial Safety & Personal Protective Equipments



Design & Erection Of Fire Hydrant Fire Alarm & Sprinkler Systems

GABY FIRE PROTECTION INDUSTRIES PVT LTD

H.O. 19-41-S3/1037, LAKSHMIPURAM, TIRUCHANUR ROAD, TIRUPATHI-517501.A.P.
Ph: +91-8838100844, 8122223518 E-mail: mdgabyfire@gmail.com , sales@gabyfire.com

www.gabyfire.com



Milipol India
The Indo- Pacific leading
International Event for
Homeland Security

23-25 April 2025

YASHOBHOOMI (IICC), DWARKA NEW DELHI

2nd

Edition

SUPPORTED BY



**MINISTÈRE
DE L'INTÉRIEUR
ET DES OUTRE-MER**

*Liberté
Égalité
Fraternité*



**International Event for
Internal Security in India**

**EARLY BIRD
DISCOUNT**

**BOOK YOUR
SPACE VISIT THE
SHOW**

EXHIBITOR QUERY

Harish Khanduri
(Project Manager)
8800138543
harish@interads.in

VISITOR QUERY

Gayatri Chibba
(Marketing Director)
9810591686
gayatri@interads.in

- Weapons & Ammunition
- Fight Against Terrorism
- Border Protection
- Public and Asset Safety
- Drones & Robotics

Part of the World's

Leading Network for Homeland Security Events



ORGANIZED BY:



MILIPOL



MEDIA PARTNER :



www.milipolindia.com

Rights to admission reserved with Inter Ads Exhibitions Pvt. Ltd., below 18 years of Age are not allowed.



Deepak Verma
Director
New Delta International
Co- Head- SAMA North Chapter

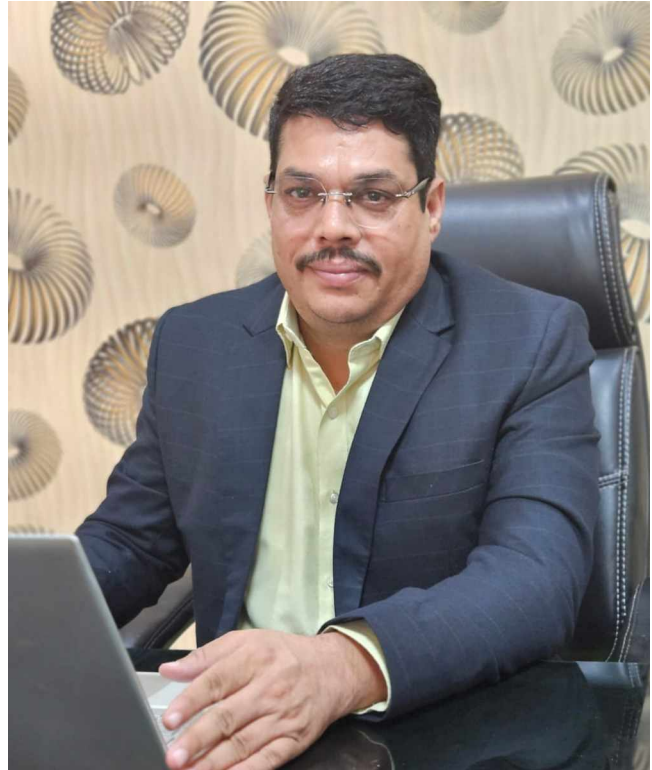
Kindly tell u about your company?

New Delta International: Your Trusted Partner in Workplace Safety

New Delta International was born from a vision of safety in 2006. We saw a booming safety market fueled by India's rapidly growing infrastructure, particularly in Greater Noida. Recognizing this critical need, we established ourselves to provide top-tier safety products and fire protection solutions. Our journey began by partnering with leading multinational corporations like LG Electronics and Samsung. Our commitment to timely deliveries and a professional approach fueled our rapid growth. Today, we proudly collaborate with a vast network of prominent companies.

At New Delta International, "Customer Relationships" are the cornerstone of our success. Through years of dedicated service, we've built a reputation for truly understanding our clients' needs. We go beyond simply selling products—we delve into your challenges and applications to provide the perfect solution. Sometimes, this even involves customizing solutions through collaborations with our trusted vendor partners like MSA Safety, Safety Jogger, and Udyogi.

We're known as trendsetters in the safety industry. Recently, we



partnered with Safety Jogger in their mission to revolutionize the Indian safety footwear market. Customers appreciate our efforts to bring internationally acclaimed, high-quality safety products with superior protection factors to India.

Our impact has been significant. By bridging the gap between affordability and safety, we've inspired other companies to embrace quality and internationally certified products. This translates to a higher safety value, ultimately saving lives.

Looking ahead, New Delta International remains dedicated to ensuring the safety of our "fellow brothers" in the workforce. We strive to create a future where everyone returns home safely to their families. We are your partner in building a safer tomorrow.

Can you please tell us about the product range you offer?

New Delta International: Your Comprehensive Safety Partner

At New Delta International, we're committed to providing a complete spectrum of Personal Protective Equipment (PPE), safety footwear, and fire protection equipment. Our expertise spans across industry-leading brands like MSA Safety, Safety Jogger, and Udyogi, ensuring we have the right solution for every safety need.

Here's a glimpse into what we offer:

MSA Safety: We carry MSA's extensive range of high-performance PPE, including respirators, gas detectors, eye protection, head protection, and hearing protection. Our team is well-versed in the technical aspects of MSA products, ensuring you get the right level of protection for any hazardous environment.

Safety Jogger: Revolutionizing Footwear Safety: *We're proud to partner with Safety Jogger, a brand leading the revolution in safety footwear.* Their wide variety of safety shoes and boots prioritize both comfort and maximum protection. Our team can guide you through the technical specifications, including impact and puncture resistance, slip resistance with their innovative focussing on basic requirements of Water Repellent Upper, Global Certifications, Product Liability Insurance, Hydrolysis Resistance Safety Shoes and Tiger Grip technology, and other features to find the perfect fit for your work environment.

Udyogi: Complementing our offerings, Udyogi provides a comprehensive line of fire & safety equipment. We can supply head to toe personal protective equipment safety helmet, safety harness, fire blankets, and other essential tools to safeguard your workplace from safety & fire hazards. Our team can advise you on the appropriate fire safety plan and equipment selection based on your specific needs.

Beyond Products: Your Technical Partner:

We go beyond simply supplying equipment. Our team's deep understanding of MSA Safety, Safety Jogger, and Udyogi products allows us to offer:

Expert product recommendations based on your specific safety requirements.

Technical guidance on proper use and maintenance of safety equipment.

Assistance in developing and implementing comprehensive safety programs.

Which fire equipment range you have?

New Delta International: Your All-Encompassing Fire Safety Partner

At New Delta International, we take fire safety seriously. We go beyond just equipment; we offer a comprehensive suite of solutions to safeguard your workplace and empower your firefighting efforts. Here's a breakdown of how we can equip you for success:

Firefighting Essentials:

Fire Extinguishers & Accessories: We provide a comprehensive selection of fire extinguishers (water, foam, CO2, dry chemical) based on your potential fire hazards. We also offer essential accessories like hydrant valves, hose pipes, short branch nozzles, stands, and cabinets for proper extinguisher deployment.

Fire Alarm Systems: Early detection is key. We offer fire alarm panels, smoke detectors, heat detectors, and manual pull stations to create a robust fire alarm network.

Fire Suppression Systems: For enhanced fire protection, we can provide sprinkler systems for automatic water discharge in large spaces.

Equipping Your Firefighters:

MSA Safety Breathing Apparatus: When battling fires in hazardous environments, MSA's top-of-the-line breathing apparatus ensures the safety of your firefighters. Our team can guide you through choosing the right respiratory protection for your needs.

Safety Jogger Puncture Resistance Safety Shoes: Protect your firefighters' feet with Safety Jogger's innovative safety shoes. These shoes prioritize comfort while offering maximum protection against punctures from hazards like nails or debris. Their Tiger Grip technology ensures excellent slip resistance on various surfaces.

Portable & Fixed Gas Detectors: We offer MSA Safety's portable and fixed gas detectors to monitor air quality and detect hazardous gases like carbon monoxide or flammable gas leaks. These detectors provide crucial information for firefighters and help them make informed decisions.

Do you feel that safety awareness has grown?

Stricter regulations have improved safety, but customer demand plays a key role too. Remember airbags? Once optional, now standard due to rising customer preference. The same applies to safety gear. Don't settle for basic options! While the initial cost might seem higher, the long-term benefits outweigh the potential cost of accidents. Take Safety Jogger footwear, for example. They meet the latest EN 20345:2022 standards, exceeding the industry average. It's time for safety standards like BIS 15298 to catch up! By demanding better safety features, you protect yourself and push manufacturers to innovate. Remember, prioritize safety - it's an investment in your well-being.

The past 20 years have witnessed a significant rise in safety awareness and stricter regulations in India. Here's a breakdown of the key changes:

Increased Regulations:

Focus on Workplaces: The Factories Act of 1948 has seen revisions emphasizing safety measures, including ventilation, fire safety, and proper working conditions.

Construction Safety: The Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 2016, brought in specific safety regulations for construction sites, reducing accidents.

Food Safety: The Food Safety and Standards Act of 2006 established a centralized authority to regulate food safety standards, leading to improved food quality.

Technological Advancements:

Improved Fire Safety Systems: Automatic fire alarms, sprinklers, and better fire extinguishers are becoming more common, enhancing fire safety.

Personal Protective Equipment (PPE): Wider availability and use of PPE like helmets, goggles, safety shoes, and respirators have minimized workplace injuries.

Building Codes: Newer building codes incorporate earthquake resistance measures and fire safety protocols, leading to safer structures.

We urge all customers to prioritize safety and actively seek products that meet the latest standards. By demanding better

safety features, you not only protect yourself but also encourage manufacturers to continuously improve their offerings. Remember, safety is not a luxury, it's an investment in your well-being.

Looking ahead, continued focus on enforcement, education, technological advancements, and customer demand will be crucial in further strengthening India's safety standards.

What measures do you think should be taken?

I would say that implementation of safety standards properly is very essential. Quality of safety product should be adhered in compliance with stipulated standards. Labour inspector must ensure proper safety equipments as per advisory. Mock drills will help users to understand usage and importance. These practices will enhance safety environment as per my understanding.

In terms of quality how Indian manufacturers are grown?

They have grown to international standards. Many of them are exporting to other countries. That way you can see that acceptability of ISI standard has also widened.

Manufacturing sector is doing pretty much well in terms of quality and introducing innovative products.

What do you see safety market in coming five years?

The safety market in India is poised for a revolution in the next five years, driven by a powerful force: customer demand.

Safety Jogger is leading the charge by offering "No-Discrimination" products. This means they provide footwear that meets global standards (like EN 20345:2022) while still adhering to Indian standards (BIS). This empowers customers to choose the best safety gear, regardless of origin.

Imagine a safety revolution fueled by informed consumers demanding superior quality. Just like the rise of online shopping platforms like Reels has boosted domestic consumption, a similar transformation is coming to safety gear.

When customers prioritize quality, it creates a ripple effect. Businesses cater to this demand, leading to industry growth and a stronger national economy. India's strong GDP forecast for the next five years positions it perfectly to ride this safety wave.

Get ready for a future where safety isn't just a requirement, it's a badge of empowerment. Let's revolutionize safety, together.

Any message for the readers?

Don't Be a Statistic. Own Your Safety. Own New Delta International.

The safety market in India is playing catch-up, and you're the one getting left behind. Imagine a future where accidents are preventable, not inevitable. A future where you have access to cutting-edge safety products, not just the bare minimum.

New Delta International, Greater Noida, refuses to settle for "good enough." We're your one-stop safety powerhouse, providing a comprehensive range of life-saving equipment:

Safety Revolution with Safety Jogger: We're partners with Safety Jogger, the brand leading the charge in "No-Discrimination" safety footwear. Their shoes and boots meet the latest global standards (EN 20345:2022) and Indian standards (BIS). No more compromises, only top-tier protection.

Head-to-Toe Protection with UDYOGI Safety: Forget generic PPE. We carry UDYOGI'S industry-leading line of high-

performance Personal Protective Equipment, including respirators, gas detectors, eye & head protection, and hearing protection. Our experts will ensure you get the right gear for any hazardous environment.

Fire Safety You Can Trust with Udyogi: Don't gamble with fire safety. Udyogi, our trusted partner, provides a comprehensive range of safety equipment. From head to toe all the equipments we have in the "Udyogi" range of products, we'll equip you to combat any fire and safety threat.

Why Choose New Delta International?

We prioritize YOU: Your safety is our obsession. We fight for access to the best equipment because you deserve it.

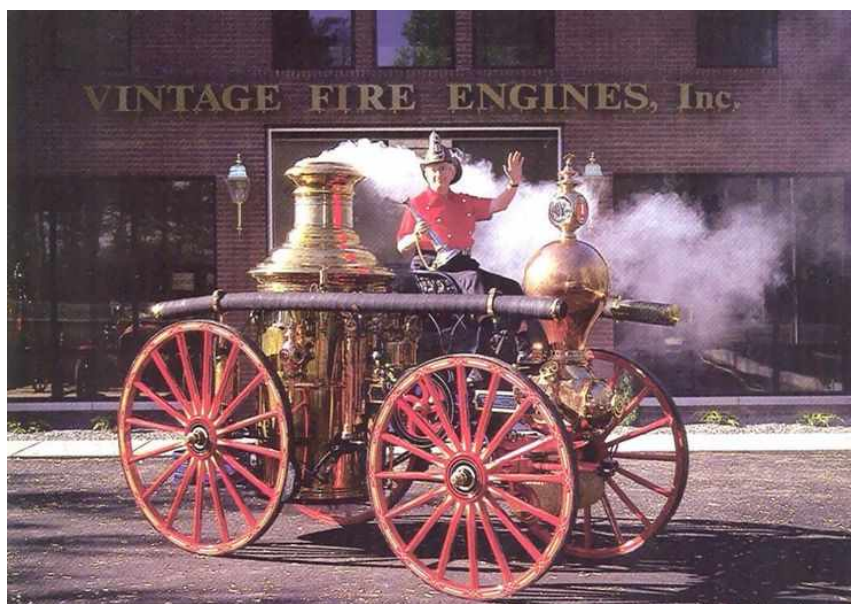
We're Revolutionaries: We don't just sell safety products, we push the boundaries. We partner with brands like Safety Jogger to raise the bar for safety standards in India.

We're One-Stop Safety: Forget juggling multiple vendors. We offer a complete range of safety equipment, from head to toe, to simplify your safety needs.

We're Future-Proof: India's booming. We're committed to ensuring the safety market keeps pace with a growing nation.

"Don't be a statistic. Take control of your safety. Choose New Delta International. Because at the end of the day, safety isn't optional, it's an investment in your life."

ReminisCence





B. K. INDUSTRIES



B K Industries

Contact Person: Vikas Kumar

Address: 105, Cossipore Rd, 1st Floor, Opp. Gurudwara, Kolkata-700002

Email: bkindustry@gmail.com

Website: www.bkfiresafety.com

Ph: 9230061509

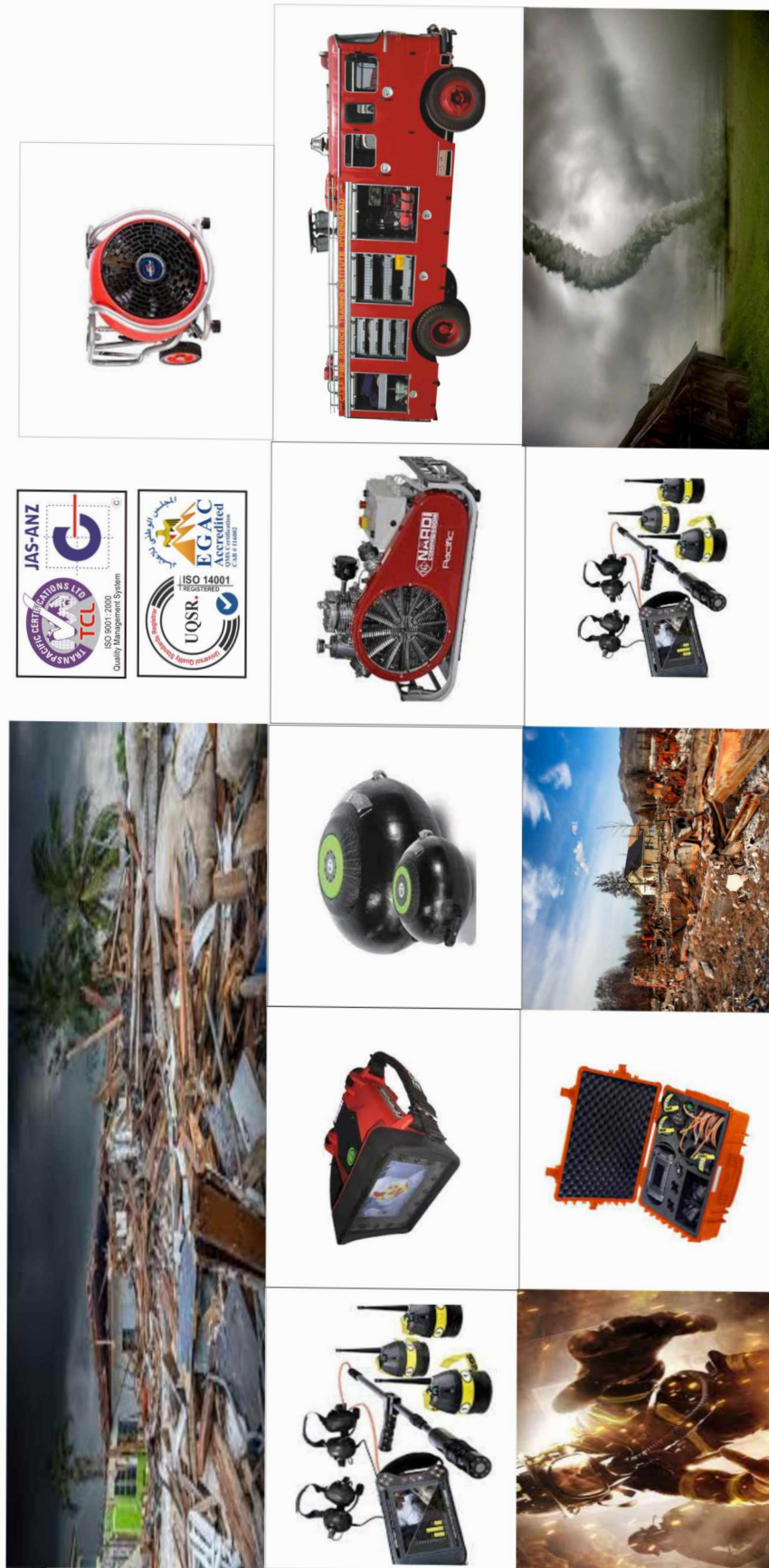
BRIJBASI FIRE SAFETY SYSTEMS PVT. LTD.

AN ISO 9001:2015 COMPANY

(FIRE, SAFETY AND DISASTER MANAGEMENT EQUIPMENTS)



CELEBRATING 50 YEARS OF EXCELLENCE



BRIJBASI FIRE SAFETY SYSTEMS PVT. LTD.

HEAD OFFICE :
A-28, Hauz Khas Rd, Block A, Hauz Khas,
New Delhi, India - 110016
Ph: 11-2686 2037

REGISTERED OFFICE :
brijbasifiresafety5@gmail.com
arunbhatnagar.brijbasi@gmail.com

BOMBAY OFFICE :
E-mail : inquiry@brijbasi.in, brijbasifiresafety5@gmail.com



Deepak Singhal
Director
Metro Safety India Pvt. Ltd.
Chapter Head - SAMA North Chapter



The Significance of Occupational Safety in India

Occupational safety, often overlooked in the bustling economy of India, plays a crucial role in ensuring the well-being of millions of workers across various sectors. As one of the fastest-growing economies globally, India has witnessed rapid industrialization and urbanization over the past few decades. While this growth has brought unprecedented opportunities and progress, it has also highlighted the pressing need for stringent occupational safety measures to safeguard the workforce.

Challenges and Risks

India's workforce spans diverse industries, from manufacturing and construction to agriculture and services. Each sector presents unique challenges concerning workplace safety. In industries like construction and manufacturing, workers face risks associated with heavy machinery, hazardous materials, and precarious working conditions. In agriculture, the challenges revolve around exposure to pesticides, manual labor-related injuries, and health hazards due to long hours under the sun. The service sector, including hospitality and healthcare, involves risks such as ergonomic issues, exposure to infectious diseases, and workplace violence.

Legal Framework and Regulations

Recognizing the importance of protecting workers' rights and

ensuring their safety, India has enacted comprehensive legislation over the years. The Factories Act, 1948, and the Mines Act, 1952, lay down specific guidelines for safety standards in factories and mines, respectively. The Occupational Safety, Health, and Working Conditions Code, 2020, amalgamates and modernizes existing labor laws to extend protection to workers across all sectors. These laws mandate provisions for workplace hygiene, safety equipment, training programs, and measures to prevent accidents and occupational diseases.

Economic and Social Impact

Investing in occupational safety not only enhances worker productivity but also reduces absenteeism, turnover rates, and healthcare costs for employers. Safe working conditions contribute to a healthier and more motivated workforce, which is crucial for sustainable economic growth. Moreover, ensuring occupational safety is a fundamental human right that reflects a country's commitment to social welfare and inclusive development. By prioritizing safety, India can attract more investments, improve international competitiveness, and achieve sustainable development goals.



Challenges Ahead

Despite legislative advancements, challenges persist in implementing and enforcing occupational safety measures effectively. Issues such as lack of awareness, inadequate infrastructure, resource constraints, and informal labor practices pose significant hurdles. Strengthening regulatory frameworks, enhancing enforcement mechanisms, and promoting a culture of safety through education and training are critical steps towards overcoming these challenges.

The Way Forward

To bolster occupational safety in India, a multi-pronged approach involving government, employers, trade unions, and civil society is essential. Government bodies must strengthen enforcement mechanisms and provide incentives for compliance with safety standards. Employers should prioritize worker safety through regular risk assessments, provision of safety equipment, and training programs. Trade unions play a crucial role in advocating for workers' rights and safety initiatives. Civil society organizations can contribute by raising

awareness, conducting research, and supporting vulnerable groups.

In conclusion, ensuring occupational safety in India is not merely a legal obligation but a moral imperative and a prerequisite for sustainable development. By prioritizing the well-being of its workforce, India can build a more resilient and prosperous economy while fostering a culture of safety and dignity for all workers. As the nation continues on its path of growth and development, investing in occupational safety remains paramount for a brighter and safer future.



The Importance of Branding for Indian Fire & Safety Manufacturers

In the realm of fire safety equipment and solutions, branding plays a pivotal role in establishing trust, credibility, and market presence. For Indian manufacturers in this sector, effective branding goes beyond mere visibility; it serves as a cornerstone for growth, differentiation, and ensuring safety standards are met. This article explores the significance of branding for Indian fire and safety manufacturers and how it influences their success in domestic and international markets.

Building Trust and Credibility

Branding is crucial for Indian fire and safety manufacturers to build trust among consumers, businesses, and government agencies. A strong brand communicates reliability, adherence to safety standards, and a commitment to quality. For manufacturers, establishing a reputable brand instills confidence in potential customers and enhances their willingness to invest in safety equipment that meets stringent requirements.

Differentiation in a Competitive Market

India's fire safety sector is competitive, with numerous manufacturers vying for attention. Effective branding helps manufacturers differentiate their products and services from competitors. This could be through innovative features, superior quality materials, or certifications that demonstrate compliance with international safety standards. A well-defined brand identity sets manufacturers apart and positions them as leaders in the industry.



Mayur Lalit
Director
D V Enterprises
Committee Member- SAMA North Chapter

Enhancing Market Visibility and Reach

A strong brand presence enhances market visibility and expands reach both domestically and globally. Through strategic branding initiatives such as targeted advertising, participation in industry events, and digital marketing campaigns, Indian manufacturers can increase awareness about their products and capabilities. This visibility is crucial for attracting new customers, forming partnerships, and entering international markets where stringent safety regulations are a priority.

Influencing Purchase Decisions

Branding influences consumer perceptions and purchase decisions in the fire safety sector. When faced with choices, buyers often prefer brands they recognize and perceive as trustworthy. A well-established brand with a positive reputation for reliability and customer support can sway purchasing decisions in favor of Indian manufacturers, even amidst competition from global brands.

Supporting Long-term Growth and Sustainability

Investing in branding is an investment in long-term growth and sustainability. A strong brand equity ensures that Indian fire and safety manufacturers can weather market fluctuations, economic challenges, and changing consumer preferences. It fosters customer loyalty, encourages repeat business, and attracts investment opportunities necessary for scaling operations and expanding product lines.

Amit Gupta
 Director
 Pravina Enterprises
 Joint Secretary - SAMA North Chapter



Kindly tell us about your company & its history?

We are in the business for more than three decades. We ventured with safety industry in the year of 1999 and came into safety full capacity. We started with shoes, safety jackets, helmets i.e. personal safety.

Today we are dealing in full safety range.

What are the product ranges you offer?

We offer complete range of PPE, Road Safety Equipments, Security Equipments, Marine Safety Equipments and Fire Safety Equipments.

What growth of safety industry do you expect in coming years?

Safety industry is on the growth. Economic growth has a catalyzing effect on our industry. I believe that the industry will grow at least three times in coming system.

How government policies are complimenting your industry?

The government is committed for the economic growth and they are emphasizing on infrastructure development. They are growth driver for the business.

Not only that, the policies government is making keeping in mind

the interest of business development.

So overall, government policies are in sync with business interest.

How safety attitude can be attained for occupational safety?

I think proper training to the worker/labor is a must. The induction of safety should be at the time of hiring.

Proper implementation of safety regulations have to be on the place.

Any message for the readers?

Every industry needs promotion. They must have media to promote it methodically. "Safety Industry Directory" is such platform. The publication is one stop rendezvous to know about the safety industry.

I also would like to appeal everybody to stay safe, use quality safety products.



The Importance of Safety Shoes in Occupational Safety

Naresh Sharma

Director

Karemate Global Solutions

Treasure- SAMA North Chapter



In workplaces where physical hazards are prevalent, safety shoes stand as a crucial line of defense, offering protection against various risks that could lead to injuries. Whether in construction sites, manufacturing plants, warehouses, or any environment where heavy objects, sharp materials, or slippery surfaces pose potential dangers, safety shoes play a pivotal role in safeguarding workers' feet and ensuring their overall well-being.

Protection against Impact and Compression

One of the primary functions of safety shoes is to shield the feet from impact and compression injuries. In industries such as construction and manufacturing, where heavy objects may fall or roll onto the feet, safety shoes with reinforced toe caps (usually made of steel, composite materials, or aluminum) provide a protective barrier. These toe caps are designed to withstand substantial force, reducing the risk of broken bones or severe bruising in case of accidents.

Prevention of Penetration Injuries

In hazardous environments where sharp objects like nails, glass shards, or metal debris are present, safety shoes equipped with puncture-resistant soles offer crucial protection. These soles, often made from materials like steel or Kevlar, are designed to prevent sharp objects from penetrating through the sole and injuring the feet. This feature is particularly valuable in construction sites, recycling plants, and environments where workers may inadvertently step on sharp objects.

Slip and Fall Prevention

Slips, trips, and falls are common causes of workplace injuries across various industries. Safety shoes with slip-resistant outsoles are designed to provide better traction on slippery surfaces, reducing the likelihood of accidents due to loss of footing. This is especially important in workplaces where floors may be wet, oily, or uneven, such as kitchens, hospitals, and manufacturing facilities.

Protection from Electrical Hazards

In environments where there is a risk of electric shocks or exposure to live electrical circuits, safety shoes with electrical hazard protection (EH rated) are essential. These shoes are designed to provide a high level of insulation to protect workers from electrical currents, significantly reducing the risk of electrical accidents and potential injuries.

Comfort and Longevity

Aside from safety features, modern safety shoes are also designed with comfort in mind. They often incorporate features such as cushioned insoles, breathable materials, and ergonomic designs to ensure that workers can wear them comfortably throughout their shifts. Comfortable safety shoes are more likely to be worn consistently, ensuring continuous protection for the feet.



Compliance with Safety Regulations

Many industries and workplaces have regulations and safety standards that mandate the use of appropriate personal protective equipment (PPE), including safety shoes. Adhering to these regulations not only ensures the safety of workers but also helps employers avoid legal liabilities and penalties resulting from non-compliance.

Conclusion

In conclusion, safety shoes are a critical component of occupational safety in industries where foot injuries are a significant risk. By providing protection against impact, compression, punctures, slips, and electrical hazards, safety shoes contribute to reducing workplace injuries and improving overall worker safety. Investing in high-quality safety footwear not only protects employees but also enhances productivity and morale by creating a safer and more secure work environment. As workplaces continue to evolve, prioritizing the use of safety



FIRE STANDARDS

S. No.	Fire Equipment	Standard
1	Flexible Fire Fighting Delivery Hose (Non- Percolating)	IS 636:2018
2	Fire Fighting Hose (Controlled Percolating)	IS 8423:1994
3	Fire Fighting Hose (Unlined Flax)	IS 4927:1992
4	Fire Fighting Hose Reel (First- Aid)	IS 884:1985
5	Fire Fighting Double Male- Female Instantaneous Pattern	IS 901:1988
6	Fire Fighting Hose (suction)	IS 902:1992
7	Fire Hose, Delivery Coupling, Branch Pipes, Nozzels & Spanner	IS 903:1993
8	Fire Fighting 2 & 3 Way Suction Collecting Heads	IS 904: 1983
9	Delivery Breaching, Dividing & Collecting Instantaneous Pattern	IS 905: 1980
10	Fire Fighting Revolving Branch	IS 906:1988
11	Fire Fighting Suction Strainer (Cylinder Type)	IS 907: 1984
12	Fire Hydrant (Standard Post Type)	IS 908:1975
13	Fire Hydrant (Underground Type), Sluice Valve	IS 909: 1992
14	Hydrant Cover, Lower Valve, Combined Key for Hydrant	IS 910:1980
15	Fireman Axe	IS 926: 1985
16	Fire Hook	IS 927: 1981
17	Fog Nozzle (for Fire Brigade)	IS 952:2012
18	Foam Making Branch Pipes	IS 2097: 2012
19	Fire Bucket (Galvanised Mild Steel)	IS 2546: 1974
20	Fire Fighting Universal Branch Pipes	IS 2871: 1983
21	Gas Cartridges for Fire Extinguishers	IS 4947: 2006
22	Landing Valves	IS 5290: 1993
23	Fire Hose Clamps & Bandages (Fire Brigade Use)	IS 5612: 1977
24	Fire Fighting Hydrant Standard Pipe	IS 5714: 1981
25	Fire Fighting Coupling, Branch Pipes, Nozzels (Used in Hose Reel)	IS 8090: 1976
26	Fire Beaters	IS 8096: 1992
27	Fire Fighting Foam Monitors & Standard Post Water	IS 8442: 2008
28	Thermoplastic Hoses (Textile Reinforced)- Water General Purpose	IS 12585:1988
29	Fire Fighting Foam Concentrate (Producing Mechanical Foam- eg. PF, AFFF, FFFP & Synthetic Foam)	IS 4989: 2018
30	Multipurpose AFFF Liquid Concentrate (for extinguishing Hydrocarbon & Polar Solvent Fire	IS 4989: 2018
31	AFF, PF, FFFP, FP (for both hydrocarbon & polar solvent fire)	UL- 162
32	International Maritime Organisation Fire Fighting Foam Concentrate for Fixed Fire Extinguishing System :	IMO MSC.1/CIRC-1312
33	Fire Fighting Foam Concentrate	ICAO
34	Fire Fighting Foam Concentrate	SP 2580 Method
35	Dry Chemical Powder (for B & C class fires)	IS 4308: 2019
36	Dry Chemical Powder (for A,B & C class fires)	IS4308:2019
37	Dry Chemical Powder (for BC & ABC fires)	ISO 7202:2018
38	Portable Fire Extinguisher (Performance & Construction)	IS 15683:2018
39	Portable Fire Extinguisher (Performance & Construction)	ISO 7165
40	Fire Extinguisher (for class A,B, C & K)	UL-711
41	Portable Fire Extinguisher (Performance & Construction)	BS EN 3-7:2004+ A1: 2007
42	Portable Fire Extinguisher (Construction)	BS EN 3-8:2006
43	Fire Extinguisher (Wheeled)	IS 16018:2012
44	Fire Extinguisher (Mobile)	BS EN 1866-1:2007

PRAVINA ENTERPRISES

 **AUTHORISED DEALER** 



DEALES IN



Mob: 9810264864, 9211777748, 011-41513147, 40831140
E-Mail:- pravinaent@yahoo.com, Web: - www.pravinasafety.com

136-138, 1st Floor, Gali Bandoor Wali, Ajmeri Gate, Delhi-6



Vikas Bajaj
Director
Three S Instrument Pvt. Ltd.
Committee Member- SAMA North Chapter



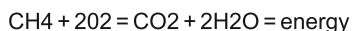
Comparison of Pellistor and Infrared Technology

Safety professionals faced with the task of specifying economical gas detection systems for combustible gases and/or vapors have two choices: catalytic bead (pellistor) or infrared sensing systems.

While the time-honored catalytic bead is still available, low cost solution for many applications, recent improvements in infrared detection technology have made it the technique of choice for demanding environments. A more detailed look at these technologies will reveal why this is so.

Catalytic Bead Technology

Theory: A catalyst is any material capable of increasing the rate of a chemical reaction by providing an alternate (lower free energy) reaction pathway, without itself being consumed in the process. For gas detection purposes, an oxidizing metal dispersed on a porous, high surface area ceramic substrate provides sites for a series of bond-breaking and bond-forming reactions to take place. The activation energy for these catalyzed reactions is lower than for the uncatalyzed reaction pathway, therefore the rate of reaction is increased. Ignoring the intermediate steps, combustible gases coming into contact with a catalytic metal deposited on a ceramic bead are oxidized (burned) according to the following chemical reaction (using methane as an example):



The energy released changes the electrical resistivity in one arm of a Wheatstone Bridge circuit containing the catalytic bead, causing a current to flow, which is approximately proportional to the amount of combustible gas, consumed.

Practice: Coils of platinum wire are embedded inside a matched pair of 1 mm diameter ceramic beads which form part of the Wheatstone Bridge. A current flow between 200 to 320 mA heats the catalytic beads resistivity to about 450 degrees C. One of the ceramic beads is impregnated with a catalytically inactive; it is included in the circuit so that environmental pressure, temperature and humidity effects can be factored out. Ceramic bead pairs are carefully matched to avoid introducing additional error into the system due to differences in thermal mass, density, etc.

As might be expected, the response of the catalytic bead varies according to the nature of the gas being oxidized. While

predictions can be made based on reaction enthalpy and diffusion rates, for practical purposes the actual response must be determined empirically for a particular catalytic bead design. The target gas is applied and readings of the sensor output in millivolts versus known LEL percentages are tabulated; the response of the target gas can then be reported as mV% LEL. Sample sensitivities are given in Table 1.

Advantages and Disadvantages of Catalytic Bead Sensors

The main advantage of catalytic bead sensors is their low cost, a not inconsiderable advantage when working on a project with a fixed budget. A base model sensing head for a 4-20 mA output can be purchased for under \$500. For this small investment, the user gets a reliable instrument capable of detecting a wide range of combustible hydrocarbons, which provides safety protection on a broad scale.

But catalytic bead sensors have several disadvantages also:

1. **Poisoning:** This can occur when compounds containing sulfur, phosphorous, silicon, or lead form strong bonds with the catalyst surface, permanently tying up active sites and gradually diminishing the sensitivity of the sensor. Carbon deposits left behind by byproducts of combustion can also poison the catalyst. It should be noted that poison-resistant sensors have been developed to combat this problem.

2. **Polymerization:** Monomers such as styrene can polymerize in contact with the high temperature catalytic bead, again blocking active sites.

Oxygen Requirements

- Since at least 10-vol.% oxygen must be present for efficient combustion to take place, catalytic beads do not work in inert atmospheres, such as nitrogen.
- At high concentrations of combustible gas, insufficient oxygen results in incomplete oxidation, causing the signal to drop. This causes a peak in the output versus combustible gas concentration curve, which can lead to 'false safe' signal outputs.

Infrared Detection Technology

Theory: Electromagnetic radiation interacts with atoms and molecules in different ways, depending on the wavelength, and hence the energy, of the radiation. High energy x-rays, for example, can penetrate deeply into the electron shells of atoms and excite the inner electrons to higher energy states. Ultraviolet rays, having less energy, affect only the outer electrons. Infrared (IR) radiation, with less energy still, causes no change in the electron energies of a molecule. Rather, it interacts with the bonds holding the atoms of a molecule together, which are in constant motion, bending and stretching at a characteristic frequency that depends upon the strength of the bond and the masses of the atoms (or group of atoms) it is holding together. When IR radiation of the characteristic frequency impinges on a vibrating molecule, it is absorbed by the molecule, thus attenuation will be greater as the number of absorbing molecules in the path increases, so information about the concentration of the molecules present can be obtained. This is the basis of the detection of combustible gases using IR detectors.

Practice: For combustible hydrocarbon gases, the characteristic 3.3 wavelength corresponding to the stretching of a C-H bond is monitored. To eliminate the contributions to absorption caused by environmental factors such as dust and humidity, a second wavelength (typically 3.0) is monitored as a reference. This reference wavelength is one that will have no contribution from the C-H stretch interaction, so that absorption due to dust and humidity can be factored out.

A single IR light source shines through the cuvette containing the sample of gas being monitored. After passing through the gas sample, the light beam is split and sent through two filters, one at the 3.3 analytical wavelength, the other at the 3.0 reference wavelength, and onto the detectors.

Advantages and Disadvantages of Infrared Sensors

This first generation of IR detectors represented a large improvement over the catalytic bead sensor in the following ways:

1. Combustible gases can be monitored in inert atmospheres, since the presence of oxygen is not required.
2. The problem of 'false safe' readings due to insufficient oxygen for combustion at high concentrations of combustible gases is eliminated since the IR detector is unaffected by oxygen depletion.
3. Compounds that poison catalytic beads have no effect on the enclosed optical system of an IR unit.

4. IR detectors require less routine maintenance. Calibration intervals can be less frequent since the optoelectronic system is inherently stable and will not tend to drift.

5. Self-diagnostic tests can be built into the IR detector to inform the operator of potential fault conditions.

The main disadvantage of infrared sensor typically costing in the range of 2 to 3 times that of a catalytic bead sensor. In addition, gases such as hydrogen, which are easily detected by combustion methods, do not absorb infrared energy and so are not detectable by this method.

The Second Generation of Infrared Sensors

Despite many advances, the first generation of IR gas detectors left some room for improvement. Direct compensation for drift due to ambient temperature fluctuations and for effects due to the aging of the light source or detector were incorporated into the second generation. These improvements were achieved through 'double-compensating' optics with the introduction of second lamp whose light shines only within the detector assembly, never into the outside atmosphere. This internal lamp compensates for the changing characteristics of a detector or lamp with age or because of ambient temperature fluctuations; it is not influenced by the external gas concentration. The frequencies of the two lamps are modulated to provide another pair of signals, giving a total of four signals at the detectors. In the final calculation, all effects due to external influences cancel out, leaving only the gas concentration as desired.

Conclusions

Table 2 summarizes the features of catalytic bead and infrared sensing technologies. Clearly, there is room for both techniques in the modern gas detection scheme. Where initial investment cost is the primary concern, the catalytic bead sensor is a time-tested product with sensitivity to a broad range of combustible compounds. However, the initial savings may be consumed by maintenance and sensor replacement costs, especially in conditions where poisoning or polymerization might occur. The comparatively high initial cost of infrared technology could pay off in the long run through higher reliability and reduced maintenance bills. The information presented here should make the decision-making process easier for safety professionals charged with specifying gas detection systems.





One Stop rendezvous for all your Safety Solutions

Supplier of:

PERSONAL PROTECTION EQUIPMENT

INDUSTRIAL & ROAD SAFETY

FIRE PROTECTION EQUIPMENT



KAREMATE

Quality Gear for Peace of Mind

Contact

Address: D-1008, Ground Floor, KH No.564 Street No. 23/A, Main Gamri Road, Near 99 Megamart, Bhajanpura, Dehi-110053, India

Phone: +91 8882931877, 9891843035

Whatsapp: +91 8882931877

Email: sales.karemate@gmail.com, info@karemate.co.in

www.karemate.co.in

Your trusted partner in
FIRE SAFETY



ERW GI PIPES

- SIZE RANGE: ½" to 16"
- THICKNESS: 1.6 mm to 12.7 mm

HOLLOW SECTION

- SHS SIZE RANGE: 16x16 to 300x300mm
- RHS SIZE RANGE: 13x26 to 200x400mm
- THICKNESS: 1.0mm to 12mm

ERW BLACK PIPES

- SIZE RANGE: ½" to 16"
- THICKNESS: 1.6 mm to 12.7 mm

ERW GP PIPES

- GP ROUND: 15NB to 175NB
- GP SQUARE: 15x15mm to 150x150mm
- GP RECTANGULAR: 40X10mm to 200x100mm
- THICKNESS: 0.80mm to 6mm

Product & Marking Certificates



Underwriters
Laboratories



ACTIFIRE
ACTIVE FIRE PROTECTION - PRODUCT CERTIFICATION

No: 100535-262-EX15061

No: 0003047635

No: afp-2977 & 3206

SURYA ROSHNI LIMITED | www.surya.co.in

Regd. Office : Prakash Nagar, Delhi - Rohtak Road, Bahadurgarh - 124507 (HR)

Tel. : 9643208686, 9873079834, 7838228801, 9306911121

Email : steel.delhi@surya.in, sales_tradepipe@surya.in, neerajgarg@surya.in, info@surya.in

Follow us on: [f prakashsuryapipes](https://www.facebook.com/prakashsuryapipes) [X SuryaPipes](https://www.twitter.com/SuryaPipes) [in prakash-surya](https://www.linkedin.com/company/prakash-surya) [@ prakashsuryapipes](https://www.instagram.com/prakashsuryapipes)



FOAM CONCENTRATE

- ▲ Film Forming Fluoro Protein (FFFP)
- ▲ Protein Foam Concentrate
- ▲ AR-AFFF Foam Concentrate
- ▲ High Expansion Foam
- ▲ Training Foams
- ▲ Fluorine Free Foams
- ▲ Protein Foam Concentrate
- ▲ Film Fluoroprotein Alcohol Resistant
- ▲ Film Forming Fluoro Protein Foam Concentrate
- ▲ Fire Fighting Hazmat
- ▲ Concrete Foams

EQUIPMENT

- ▲ Bladder tank
- ▲ Balanced pressure proportioning system
- ▲ Fire Chem foam maker
- ▲ ABC - Type portables
- ▲ Dry powder fire extinguishers
- ▲ Carbon dioxide fire extinguisher
- ▲ Clean agent fire extinguishers
- ▲ Freeze fire kitchen fire extinguisher
- ▲ Fire Chem high expansion foam generator (fchx-250)
- ▲ FSD GRS 400 portable firefighting system

DRY CHEMICAL POWDER

- ▲ Sodium Bicarbonate based
- ▲ Potassium Bicarbonate based
- ▲ ABC Powder Mono Ammonium Phosphate based
- ▲ Urea And Potassium Bicarbonate based
- ▲ Fire Chem Force
- ▲ Freeze Fire TEC Powder



WE HAVE GOT YOU COVERED!

From fuel fire to metal fire, from fire fighting chemicals to fire fighting devices, we are the experts when it comes to anything involving fire safety. We are **Fire Safety Devices Pvt. Ltd.** We are devoted to keep your workplace safe from all types of fire hazards.



MMD
APPROVED